FUJITSU

USER MANUAL

WCM WEB
Warranty Claim Management

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We accept your updates and proposals for the document with pleasure.
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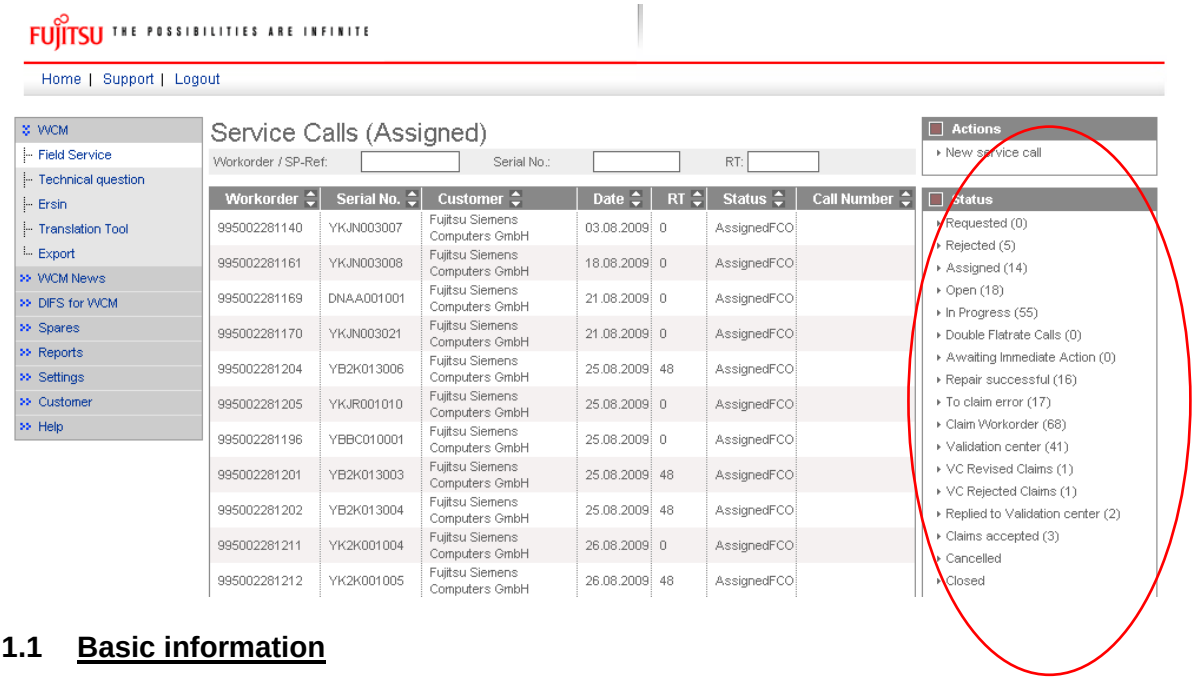
1. Introduction

WCM combines the functionality of call assignment, spares ordering and warranty claiming.

This User Manual will guide you through all main components of the Web Tool. For better orientation, this manual is built up in similar order as the Status-Points in WCM-Interface are.



1.1 Basic information

1.1.1 Unique Work Order number

It is essential to use the unique Work Order number WCM creates while opening a call, in every single process step. Therewith FUJITSU can provide an overview about the latest status of labour and material of the warranty Call and is able to display the link of related processes between WCM and Partner Entry Channel (PEC).

A novelty in FUJITSU spares Call handling is the Work Order number for self assigned Calls. In the past, only Helpdesk Calls were automatically supplied with Work Order numbers, now this principle is enhanced on every Call.

The nomenclature is: 12 digits Work Order number, issued by WCM, with a leading 99…

The Work Order number is mandatory from the very beginning of the Call process.

1.1.2 Encrypted Failure Description (Error Code System)

Please use the Error Code System carefully. WCM will preselect the appropriate spare parts by means of the error code. As well the FUJITSU Validation Centre will compare the spare part used with the coding.

Using our Error Code System has the advantage of being understood internationally in exactly the same way and furthermore it provides the opportunity of pre-diagnostics. This will be perceivable to your benefit in a significant decrease of DOAs especially for sporadic failures and in an enhancement for the automated spares proposals module of WCM.
In the long run, it will also help repairers of components to make precise diagnostics on chip level, instead of stating No Defect Found diagnosis.
The ECS code is mandatory in the Call opening file and again in the status update after the repair is done and Call is claimed.

1.1.3 System-serial number

As usual the serial number is the major means to verify the warranty. As in the improved WCM process the warranty check is placed at the very beginning with a Serial number, you will be entrusted with a warranty Work Order. If no Serial number is available on the FUJITSU System, e.g. the number is illegible, only the FUJITSU Helpdesk can open a Call. Not contacting the Helpdesk in those cases means the repairing is done at your own risk.

The System serial number is mandatory for warranty check at the very beginning of Call process in WCM.

1.1.4 Service Type

The service type under warranty is registered in “ADLER Installed Base” data base. If the warranty is expired but goodwill shall be granted, then this can also handled by Work Order offered from the FUJITSU Helpdesk only. In goodwill cases also Work Order numbers are created. Work Order number is always linked with a service type.

However, if the service type covered by FUJITSU warranty registered in ADLER is wrong, you can set a flag (wrong ADLER data flag) and proceed to repair.
In parallel you shall provide the warranty proof from the customer together with the Work Order number to FUJITSU Service Partner Management to have the Adler Data Base updated for later approval of the FUJITSU Validation Center. The WCM warranty commitment is stated to be preliminary and will be finalized by means of provided documentation by the FUJITSU Validation Centre after the repair is done.

Service Type is registered in ADLER data base and must be in warranty for self-assigned Calls. Otherwise the Helpdesk needs to be called.

1.1.5 ADEX-Order

If the SP orders less than 6 spare parts per Call and less than 2 pieces per order, the order will automatically performed as “ADEX order” (“Advanced Exchange Order”). In this case, an order and a return order will be created at the same time. In contrary to the normal order process where an order is placed and later on a return order must be created additionally the ADEX process saves time, paper work, accounting effort and reduce the accrued liabilities of the SP.
The SP will not receive an invoice or credit note, if the defective part is sent back within the deadlines for defect part returns stated in Chapter 5.2.1.1 of the Maintenance Logistics Manual:
https://partners.ts.fujitsu.com/com/service/general/service-spares/manual/Documents/FTS-MaintenanceLogisticsManual_EN.pdf
The only paperwork received is an “invoice” with amount of zero. This allocation document is for information purposes and will not appear on the SP account. If the SP does not send back the defective part within the deadlines for part returns stated in the Maintenance Logistics Manual a normal invoice will be created after that time. If the faulty part is returned after the deadline period, a partial credit is granted still and a credit note will be issued. For the valid terms and conditions please refer to the Maintenance Logistics Manual. If no return takes place after the maximum return period defined in the Maintenance Logistics Manual is exceeded, the return order will be cancelled. The Return Code CAN90 will be transferred to WCM. Therewith the claim will be forwarded to agree on the Service flat rate in the Validation Centre. Afterwards return orders can only, for special cases, be winded up by Spares Return Clearing department.

1.1.6 Ship only order

If more than the number of spare parts mentioned in the previous chapter are ordered per Call, the order is automatically a ship only order. Invoices will be created at the day of delivery.
For each material (N* and R*-parts) in WCM WEB return orders can be created within 30 days after the repair start date, including order number, ordered material and returned material number. To insure full material credit is granted, it is recommended to acknowledge the regional deadlines for part returns which may be shorter than 30 days. Please refer to the deadlines mentioned in previous chapter.

After 30 days the WCM WEB User only can set the Keep Material Flag to proceed with the Claim. See below chapter 4.5.

If no return takes place after the maximum return period defined in the Maintenance Logistics Manual is exceeded, the return order will be cancelled. The Return Code CAN90 will be transferred to WCM. Therewith the claim will be forwarded to the Validation Centre to agree on the service flat rate. Afterwards return orders can only, for special cases, be winded up by Spares Return Clearing department.
.

1.1.7 Ship only order in the Partner Entry Channel (PEC)

Orders related to a Work Order should always be created in WCM.
If, by any reason, the SP wants to create an order in PEC instead of WCM there are some particular handling instructions:

Basically: Warranty orders should always be entered in WCM.

In PEC you can choose between ADEX or ship only orders.

Ship only order:
Ship only orders are not restricted on warranty orders only. Thus the mask does not contain serial number fields.

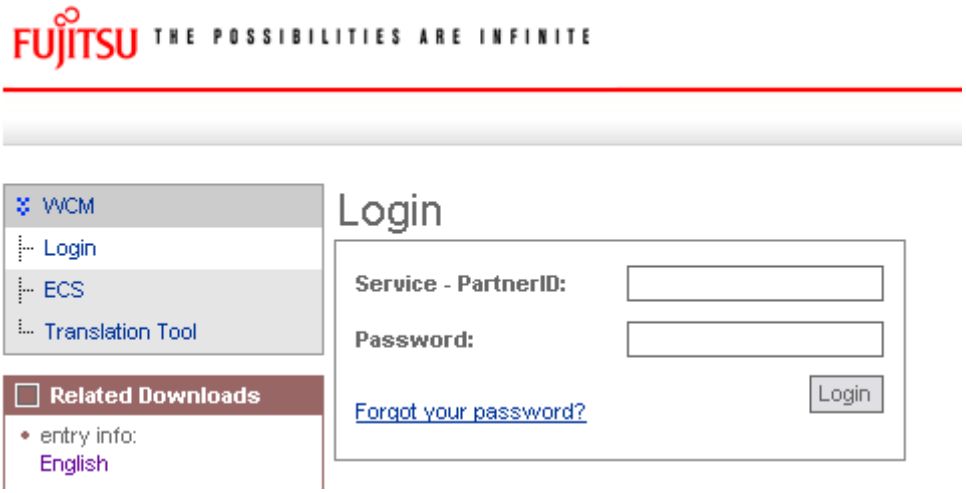
If the Work Order number shall appear on the delivery documents as internal order reference, please enter the Work Order number into the field “additional reference”.

ADEX orders:
For ADEX orders (return with replacement) a serial number and a Work Order number are necessary.

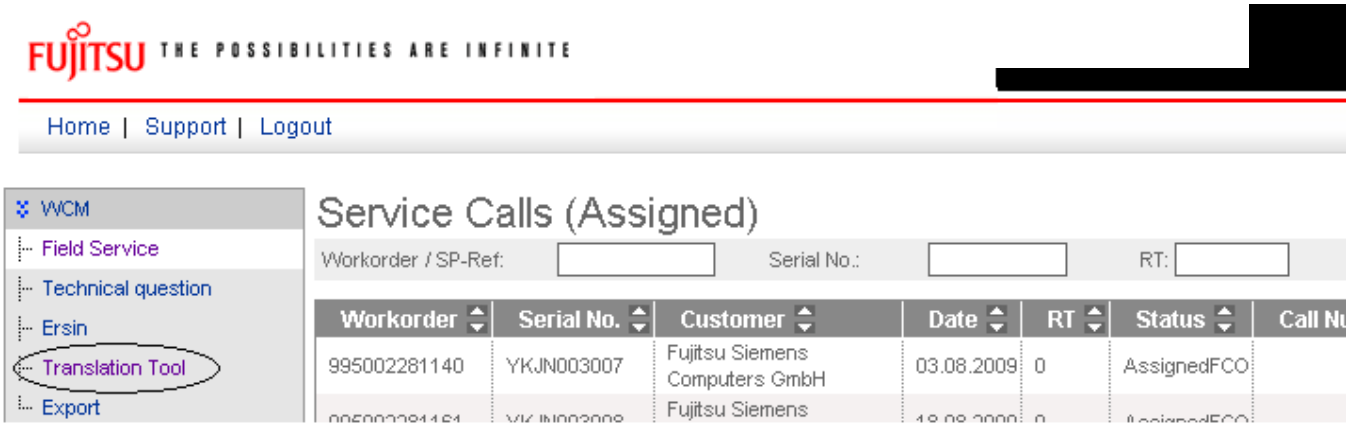
If parts are ordered in PEC instead of WCM, it is recommended to check the part fits to the asset. This can be done by the “Translation Tool”. See chapter 1.1.8. Thus acceptance problems during the part return process of the warranty call can be prevented.

1.1.8 Selecting Spare Parts with 'Translation Tool' (virtual Fit-to-Asset Check)

WCM WEB offers a "Translation Tool" (TT) where a partner can check if a spare part is valid for an asset without opening a new Work Order.
Access to the TT is available from the left navigation menu before Login (see screenshot below)

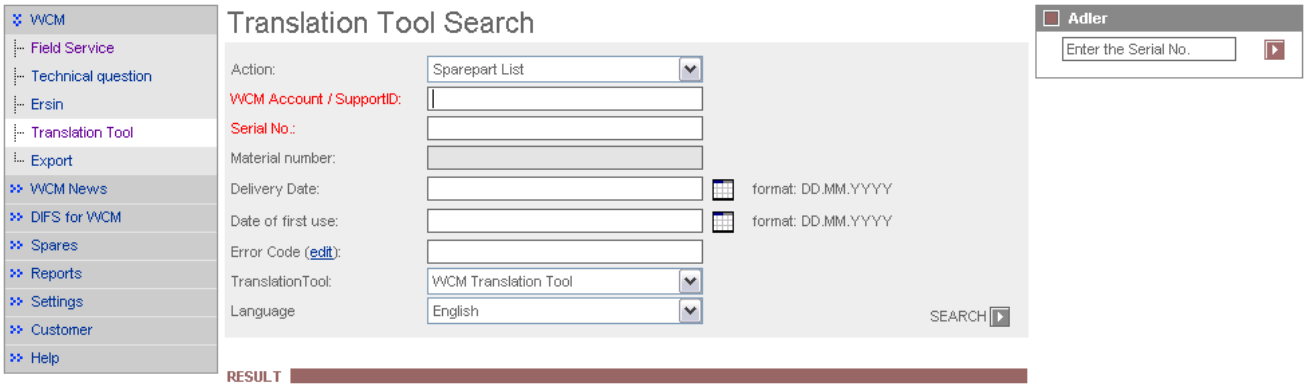


Or if already logged on to WCM WEB :

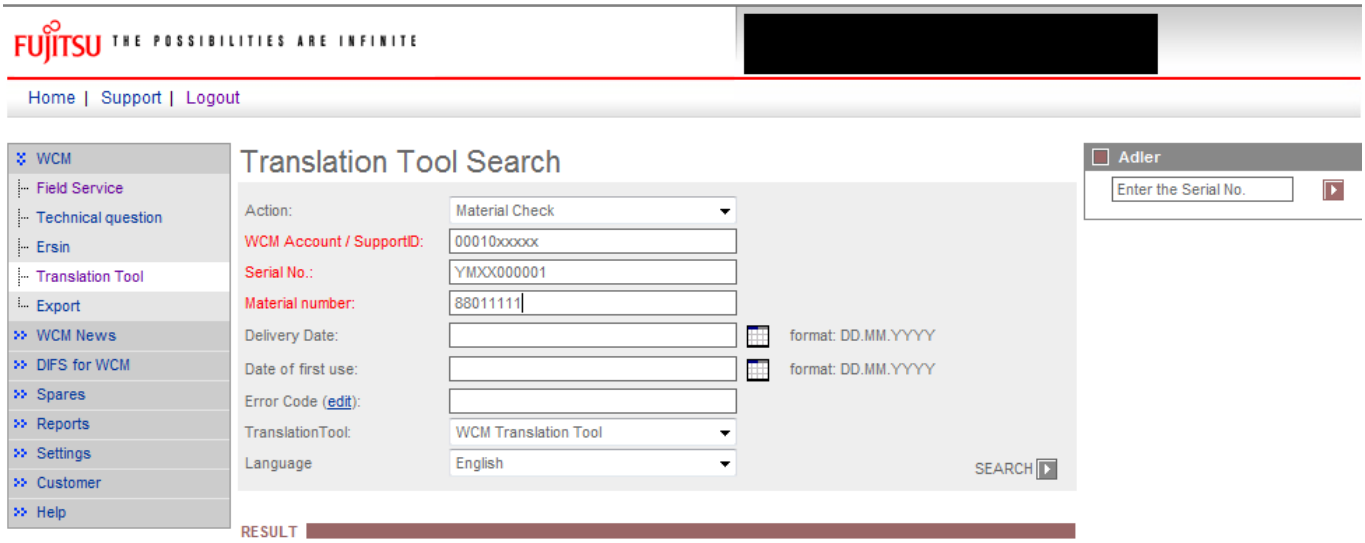


There are two options for searching within the Translation Tool

'Spare Part List' search by system serial no.
The result is a list of spare parts which can be replaced in the system, or if an Error Code has been submitted, which of the spare parts match.



The 'Material Check' search activates a Fit to Asset Check of a particular material number and helps Service Partners to select matching parts from own spares stock.



Additionally, in case of mismatch between delivery date of ADLER and customer purchase documents, the Service Partner may enter the delivery date as proven by customer's delivery note and verify spare parts warranty accordingly. For parts out of warranty, or for parts with limited warranty time, where no updated delivery date has been set the error warning <Material is out of limited warranty> is displayed.

1.1.9 Part Return in Partner Entry Channel (PEC)

To grant the material credit for warranty Calls the Work Order number is mandatory!
The corresponding order data has to be entered consistently. I.e.: Work Order number, serial number and order number of corresponding material have to be conforming to data in WCM.

1.1.10 Standard Orders in the Partner Entry Channel (PEC)

If Standard orders are executed in PEC, the return order has to be created in WCM WEB or PEC with declaration of order number, ordered material number and returned material number. The same return deadlines and conditions apply as outlined for ship only orders in 1.1.6.

1.1.11 Orders for 4h Service Packs

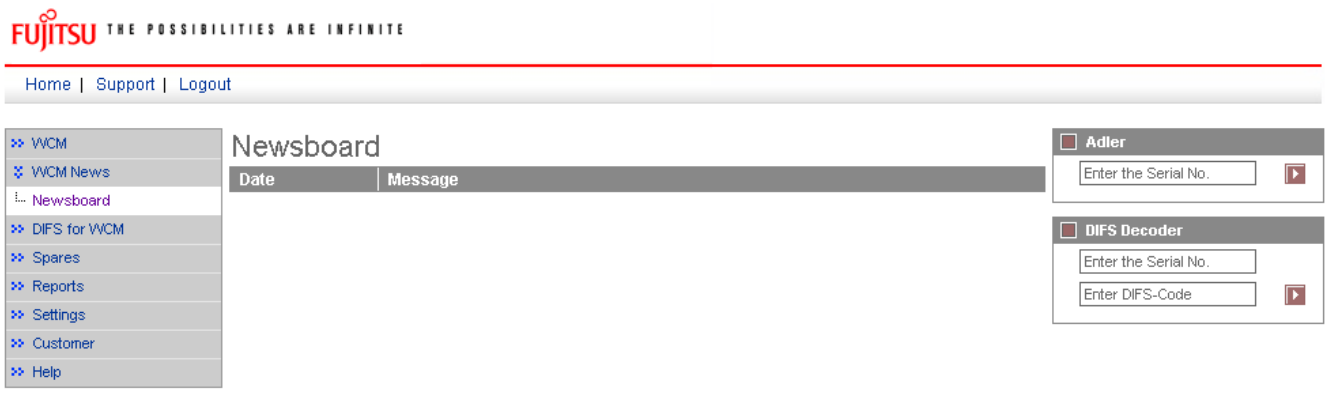
Service Partners with additional agreement "High Availability Service" can choose additional delivery options "High Availability Courier" or "High Availability Pickup" in PEC.

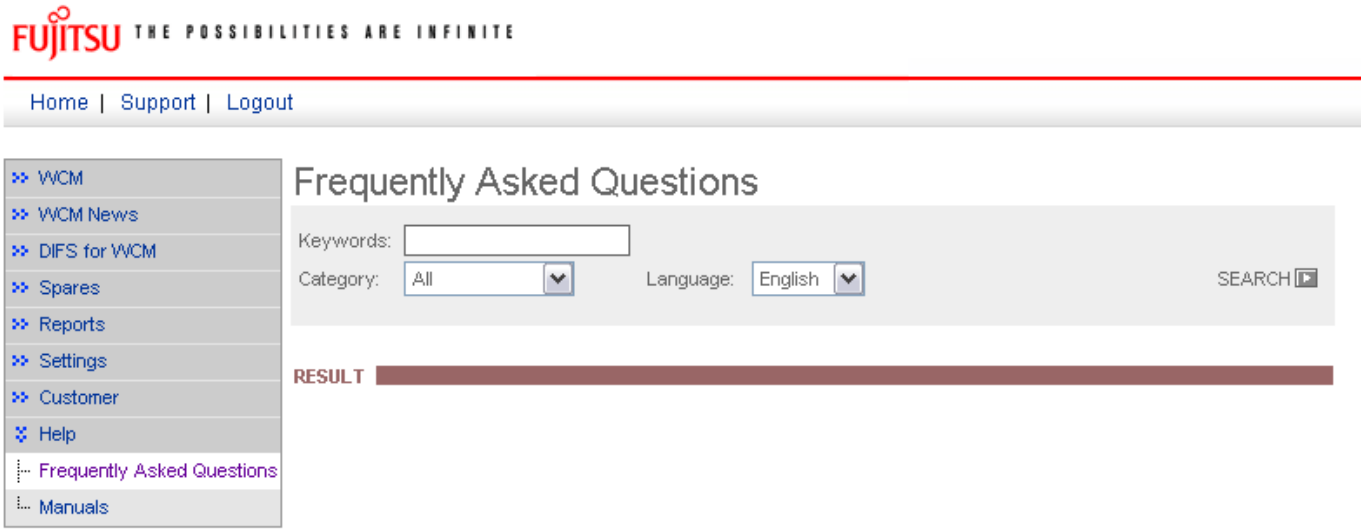
1.1.12 Data Consistencies of Related Systems

In order to ensure consistency of data available in PEC and WCM WEB data are provided from MIRO and WCM as input to a FUJITSU internal Data Comparison Tool. Focus of analysis is set on Work Orders and related material return orders. If despite these monitoring data differences are detected please inform WCM-support.

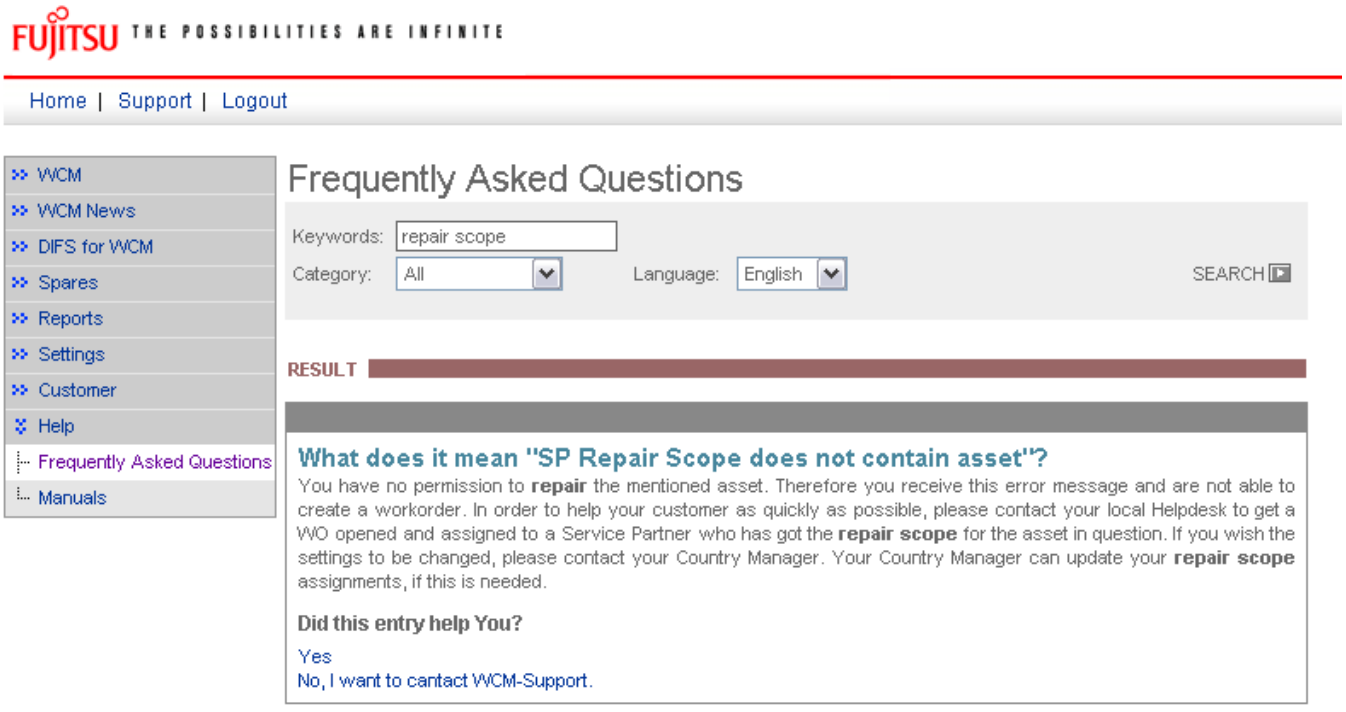
1.2 Frequently asked questions

If you have questions, during you work with WCM, please use the FAQ-Function. The FAQ Function is available via the Button "Support" or the section "Help" in the main menu.

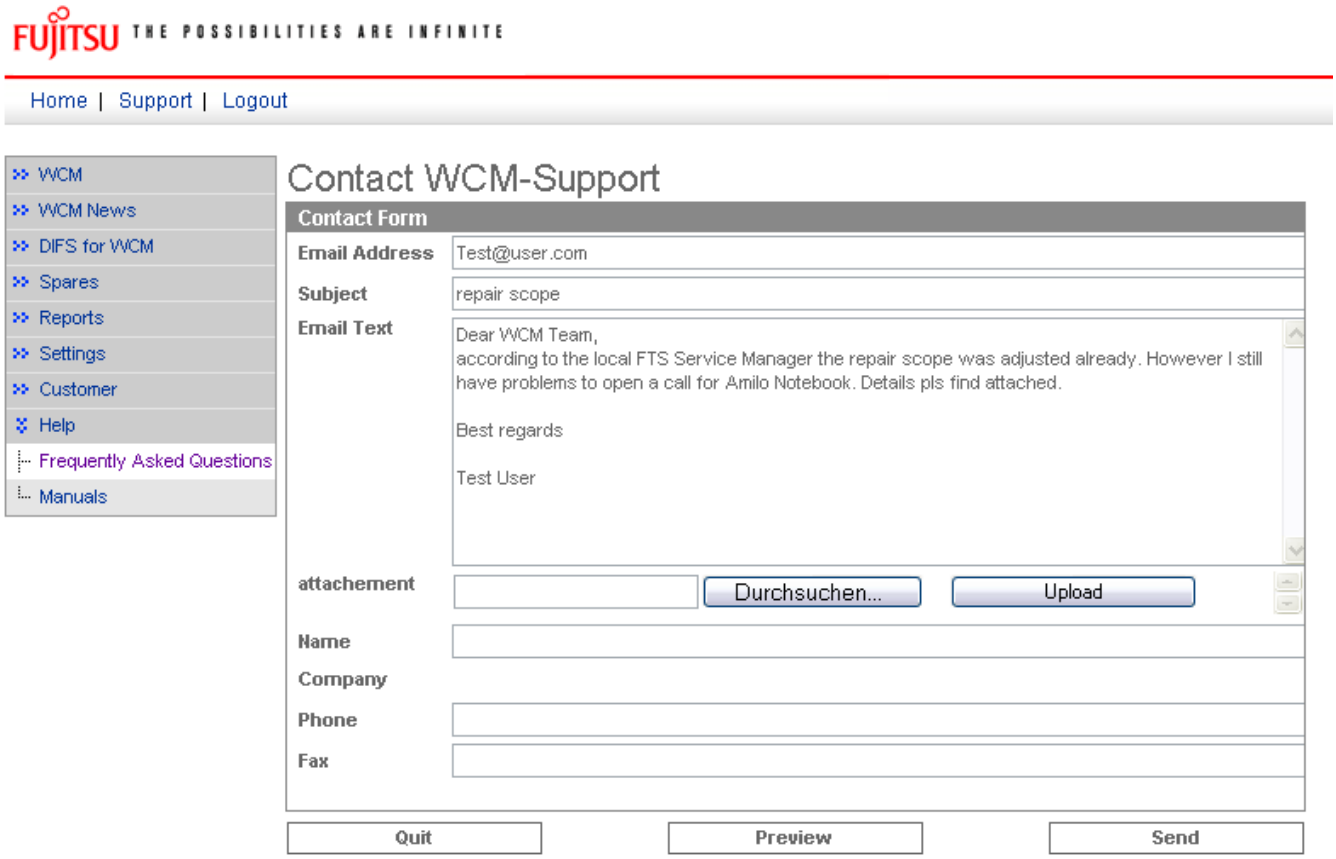




Enter the keyword you look for answers and press “search”.


FUJITSU THE POSSIBILITIES ARE INFINITE
Home | Support | Logout
WCM
WCM News
DIFS for WCM
Spares
Reports
Settings
Customer
Help
Frequently Asked Questions
Manuals
Frequently Asked Questions
Keywords: repair scope
Category: All
Language: English
SEARCH
RESULT
What does it mean "SP Repair Scope does not contain asset"?
You have no permission to repair the mentioned asset. Therefore you receive this error message and are not able to create a workorder. In order to help your customer as quickly as possible, please contact your local Helpdesk to get a WO opened and assigned to a Service Partner who has got the repair scope for the asset in question. If you wish the settings to be changed, please contact your Country Manager. Your Country Manager can update your repair scope assignments, if this is needed.
Did this entry help You?
Yes
No, I want to cantact WCM-Support.

If the answer was not sufficient, try another keyword or contact the WCM-Support by pressing the line “No, I want to contact WCM-Support”.

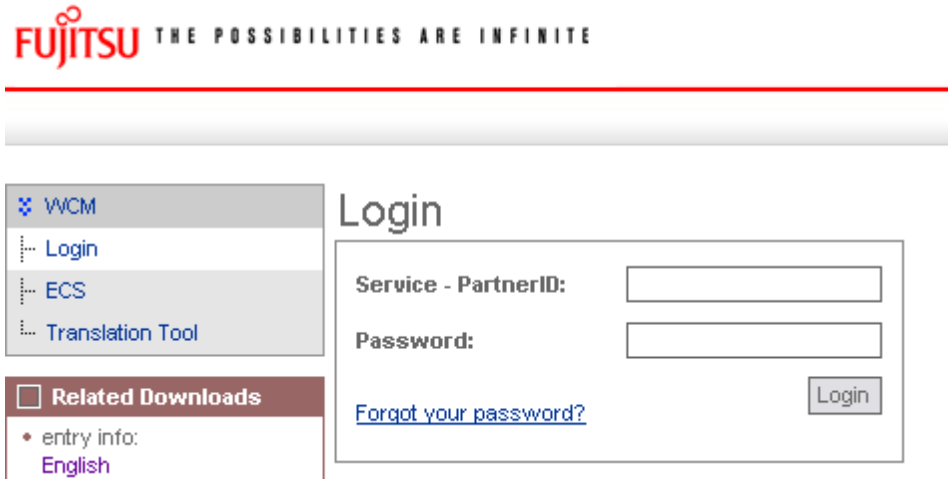


WCM-Support will answer on the e-mail account you entered in the first line. Default is taken from the data registered in the WCM WEB settings of the SP.

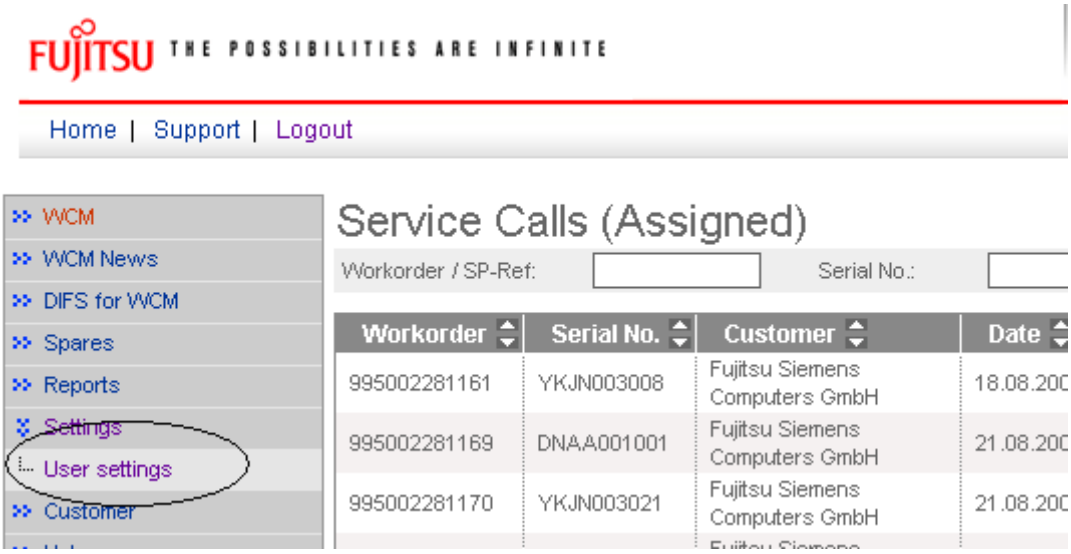
2. Registration/ Settings

Each WCM session begins with login. You will need to have your user ID and your password available when starting WCM WEB.

New users will receive their access data from the local FUJITSU Service Partner Management.



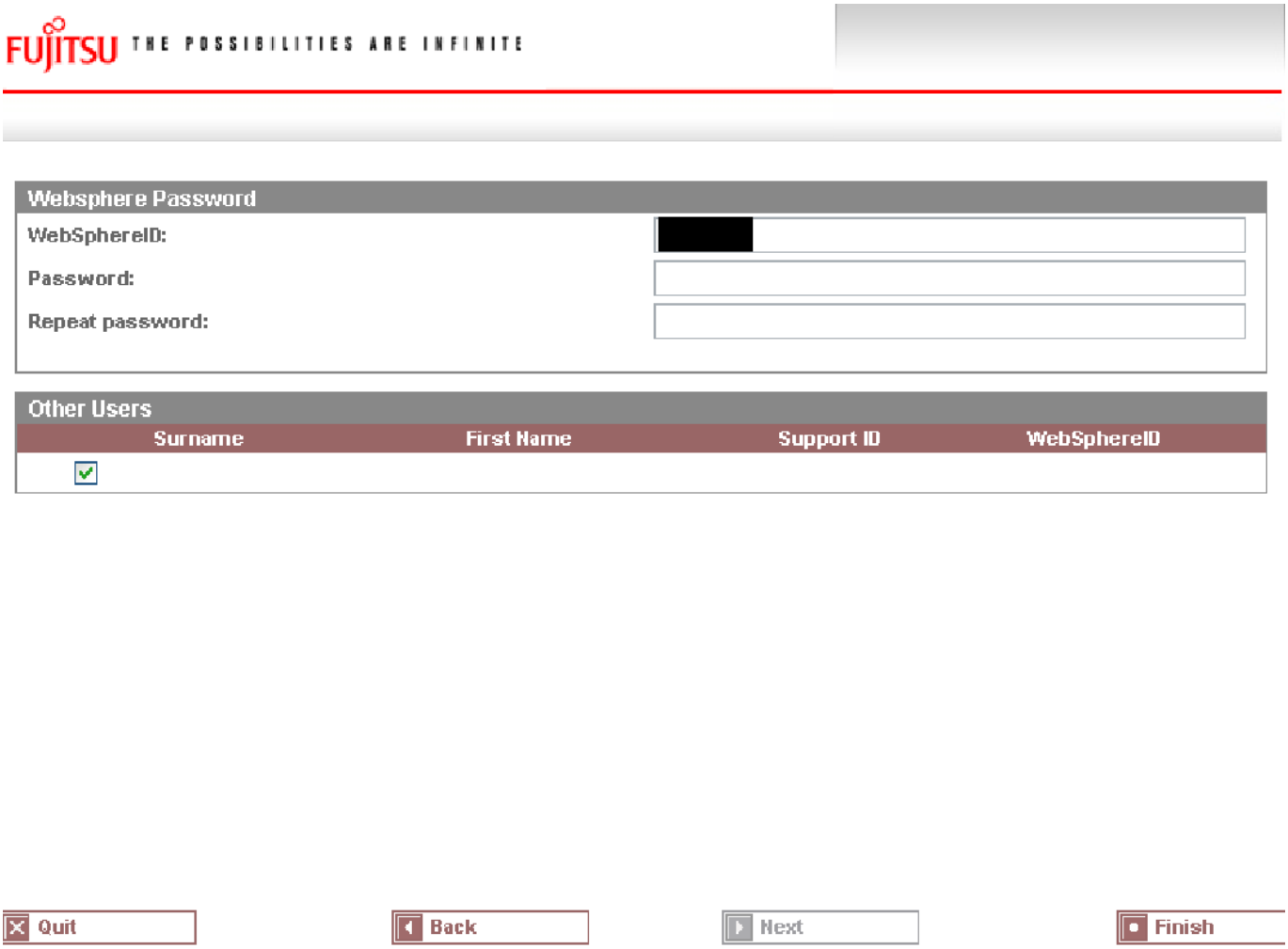
As WCM WEB is linked with PEC to have the possibility to order spare parts directly in WCM WEB, you should enter your PEC login data to ease order tracking purposes.
For these entries select section „Settings“, here you can find all personal settings.



2.1 Edit account settings

To enter your PEC identification, you have to use button <Edit account settings>:

At first you see settings for WCM.
Use <Next> to continue.
In the next window you have to enter your PEC-ID and your password:

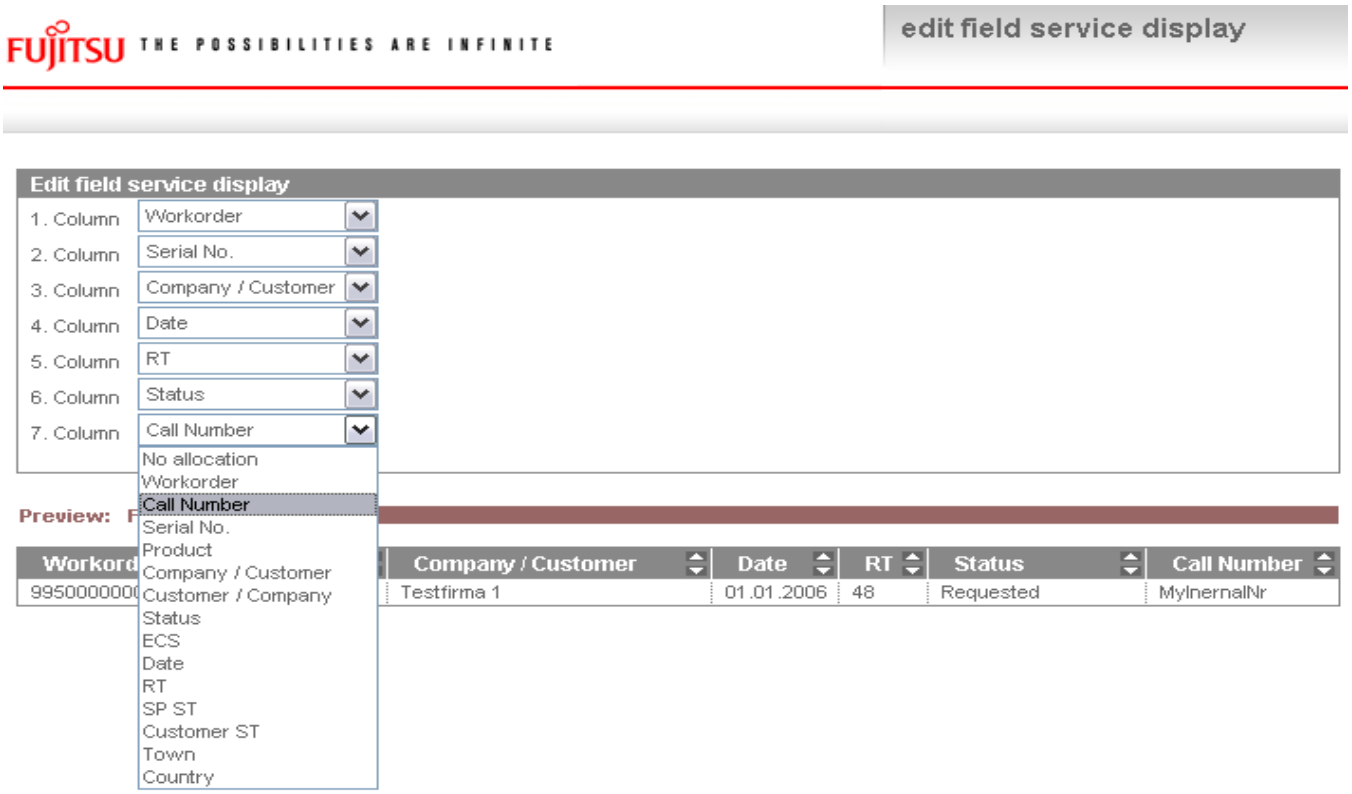


With <Finish> you will save new settings and return to the first window.
With <Back> you can correct your settings.

The connection is active from now on.

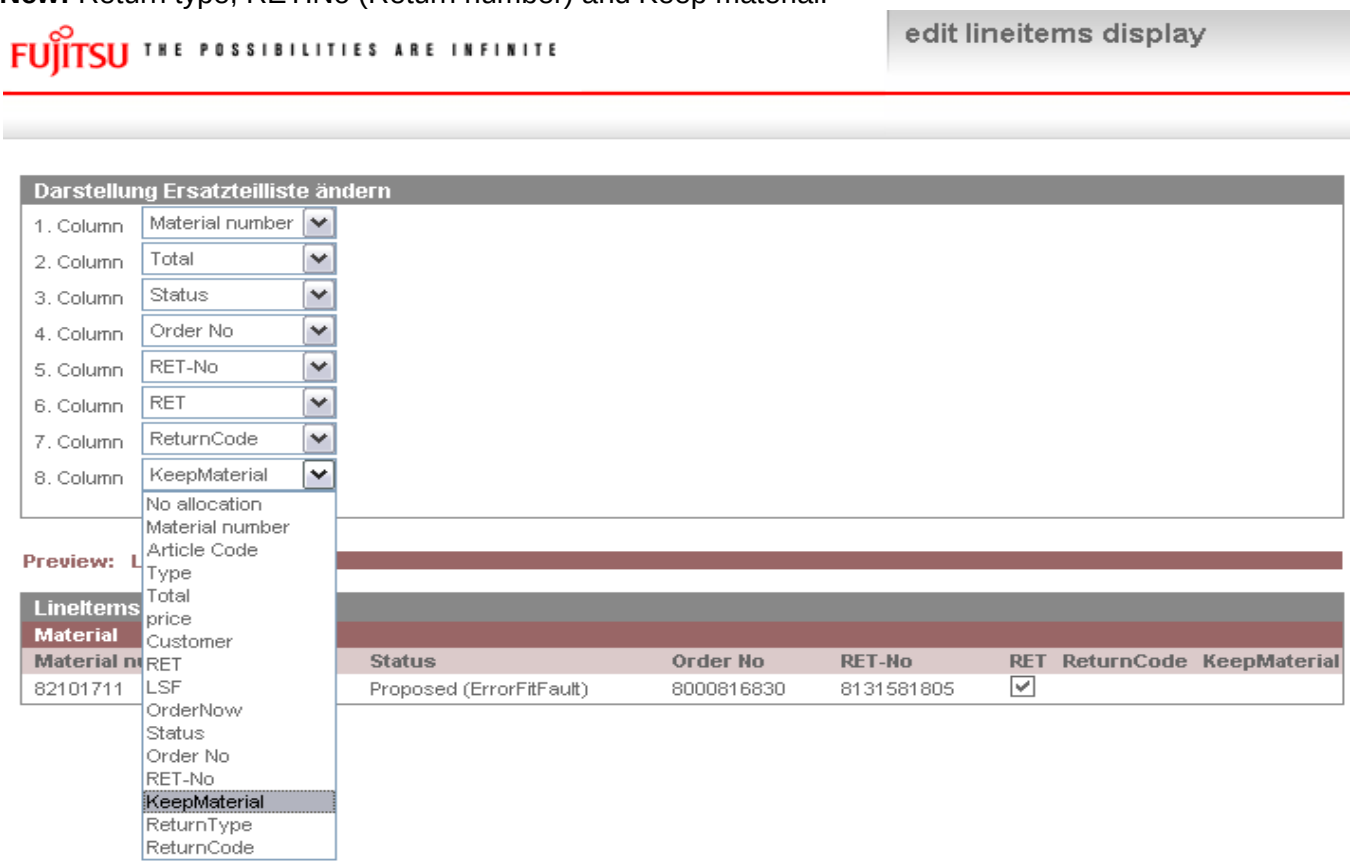
2.2 Edit field service display

To change the view of the field service you can do the set up in settings as well with using button <edit field service display>



2.3 Edit line items display

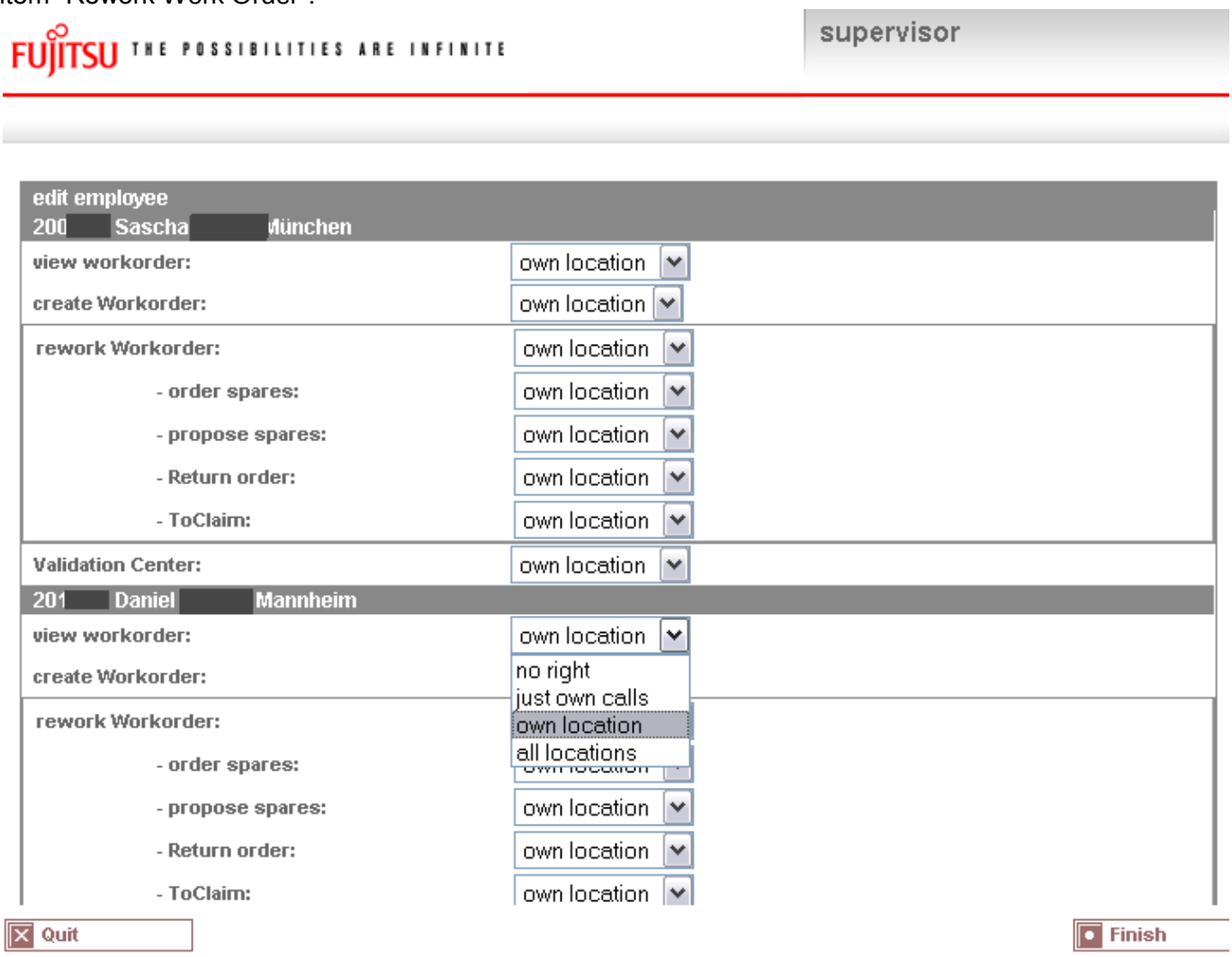
To change view of line item list, you can do the set up with button <edit line items display>
New: Return type, RET.No (Return number) and Keep material.



2.4 Supervisor

New: WCM WEB provides the Supervisor function.
This function can only be seen of an employee who was set up with the supervisor role.

You have to single out a special employee. Inform the Service Partner Management about that person. They will add the role Supervisor to this customer Id.
Supervisor function has the right to enable the set up of different roles for employees and technician accounts.
This will improve data security and manageability.
Please attend that sub items “order spares”, “return order” and “To claim” can’t have more rights that in item “Rework Work Order”.



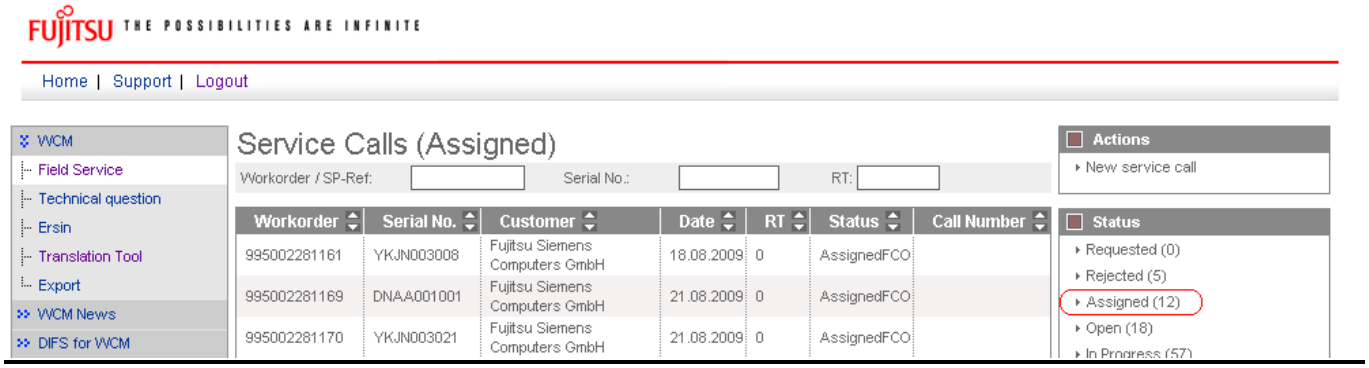
3. Call entries

There exist two possibilities of creating a new Service Call/ Work Order:

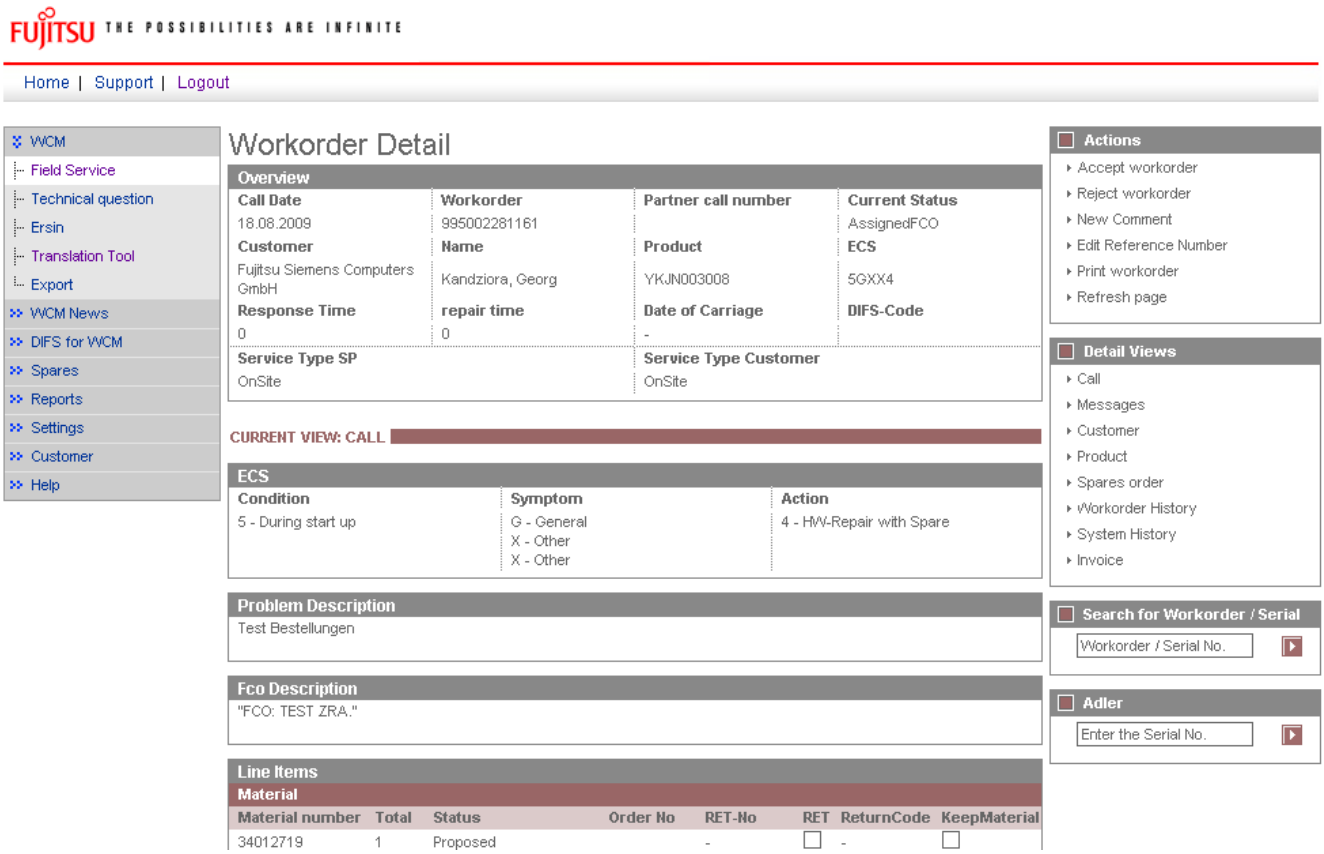
1) A customer calls the Helpdesk and the Helpdesk assigns this Call to a Service Partner who is settled nearby the customer. In this case you have the choice to decide whether to accept this Work Order or to reject it.
2) You create a new Work Order yourself in WCM WEB after receiving a Call from your customers.

3.1 Call entry from Helpdesk

New Calls which are assigned directly from the Helpdesk can be found in status “Assigned”. If you click on this status you can see all assigned Service Calls.

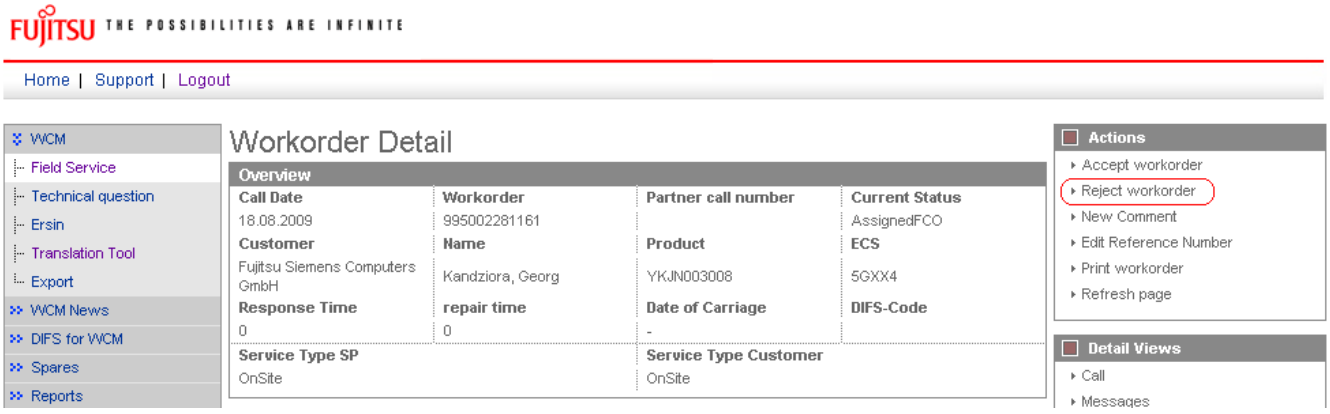


Clicking on the listed Work Order opens the “Work Order Detail” view.



3.1.1 Reject Service Call

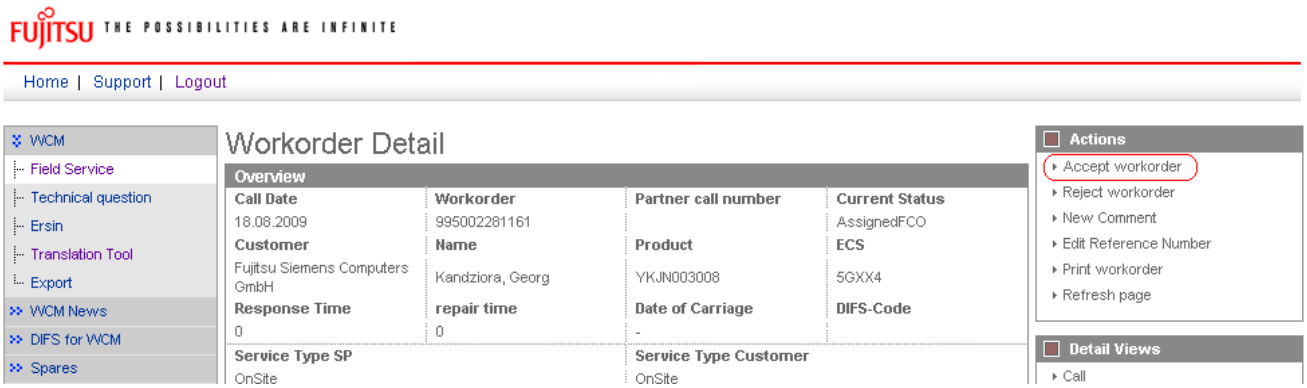
If you are not able to work on the service call, you can reject it.
In this case select “Reject” from the Actions list.



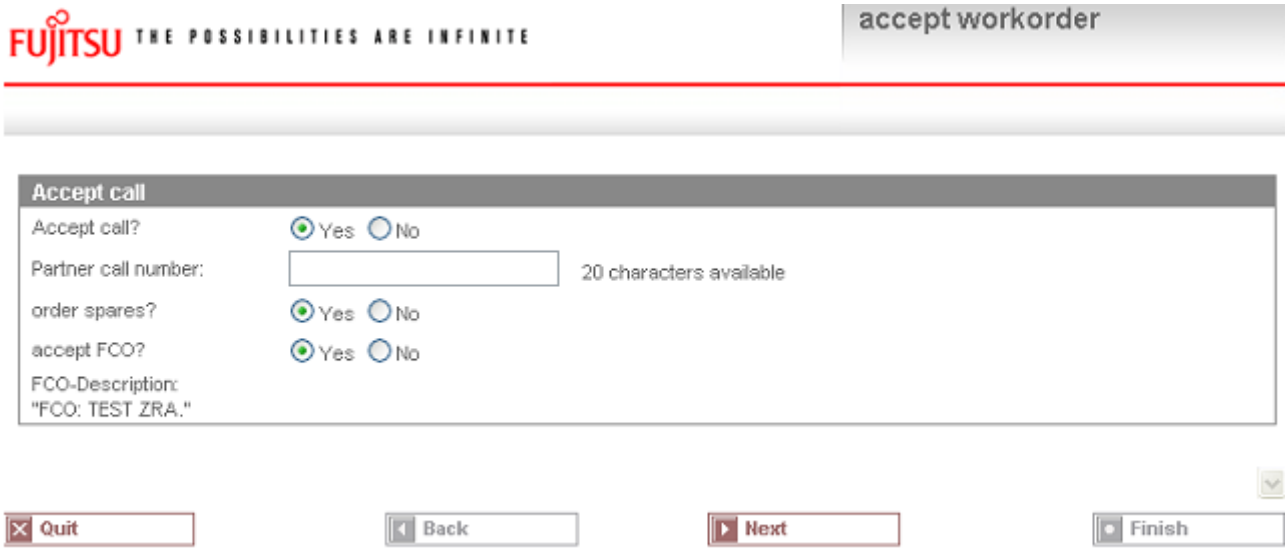
After clicking ‘reject’ Service Partners are requested to enter the reason for rejecting this Work Order.

3.1.2 Accept Service Call

Service Partners who intend to process an assigned Work Order need to confirm this by clicking on ‘Accept’.



Next window:

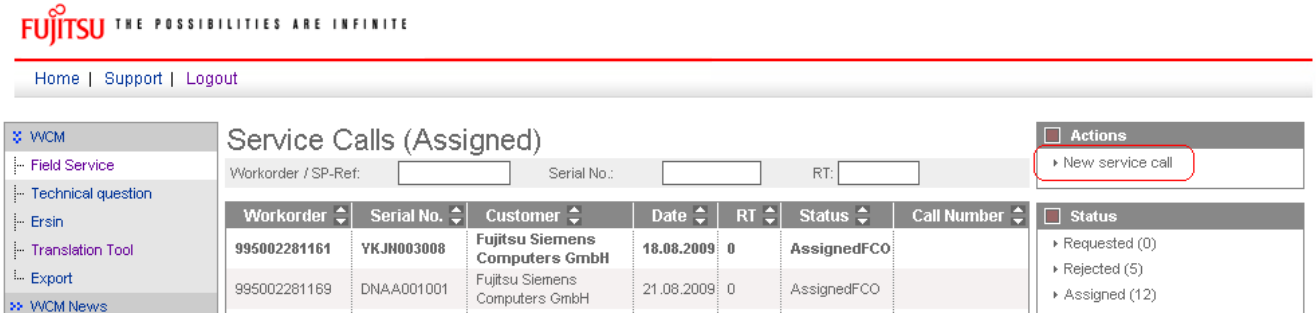


Click on <Next> to proceed.

The next step starts the process of ordering the needed spare part(s). This is described in chapter 4.1.1.Ordering of spare parts.

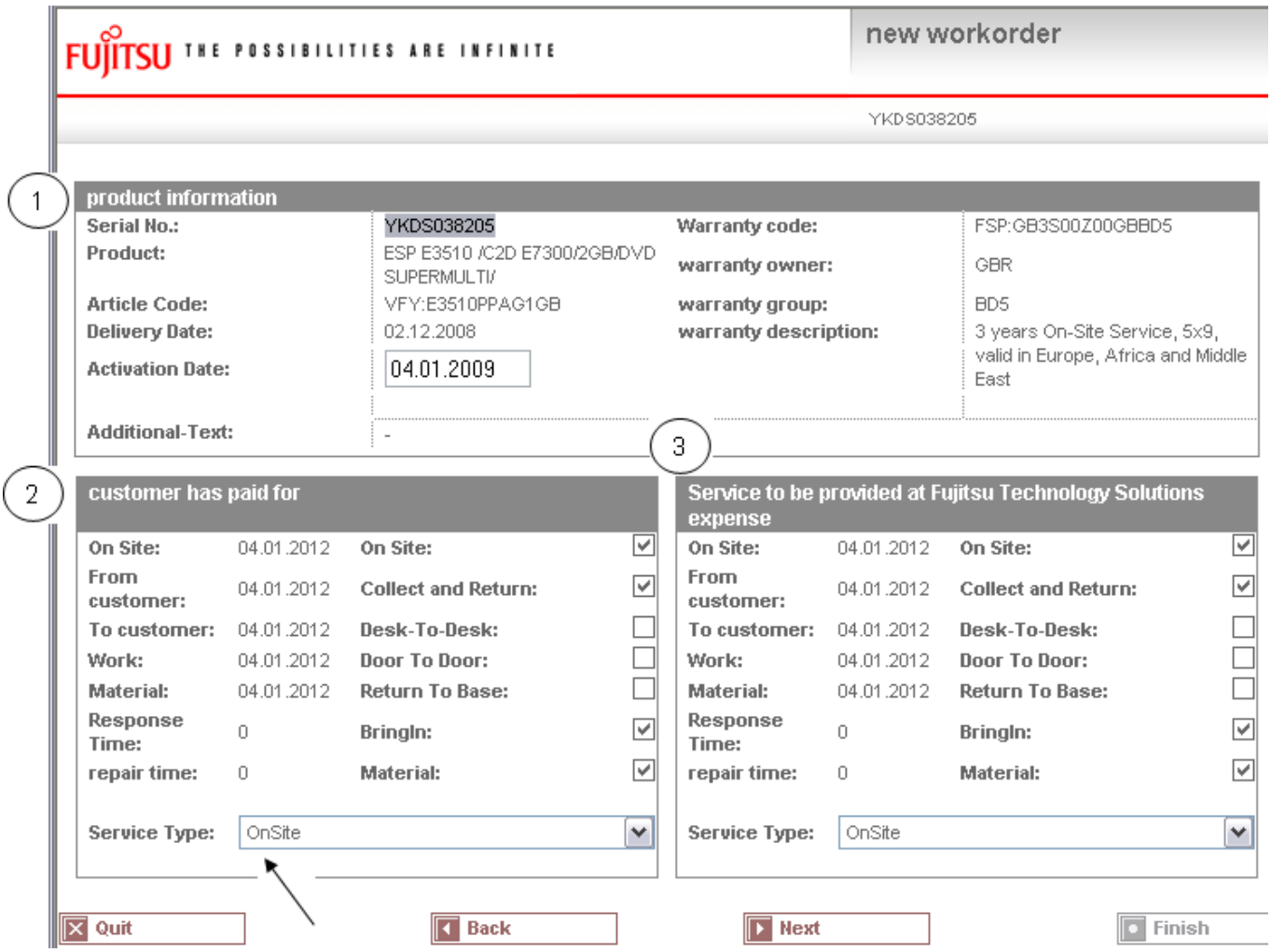
3.2 Self-assigned Call

Service calls which Service Partners have directly received from the customers, have to be entered directly by clicking on 'New Service Call'.



In the next step enter the serial number of the customer's system.
(If serial number is not known in ADLER, it will not be possible to open a new service call. In these cases, please call the local FUJITSU Helpdesk.)

Click on <Next> to proceed; system and warranty information as stored in ADLER will be displayed.



1. “Product information”: ADLER product information
2. “Customer has paid for”: Customer warranty data
3. “Service to be provided at FUJITSU Expense”: FUJITSU reimbursement data

Select a Service type ‘in the customer has paid for’ section!

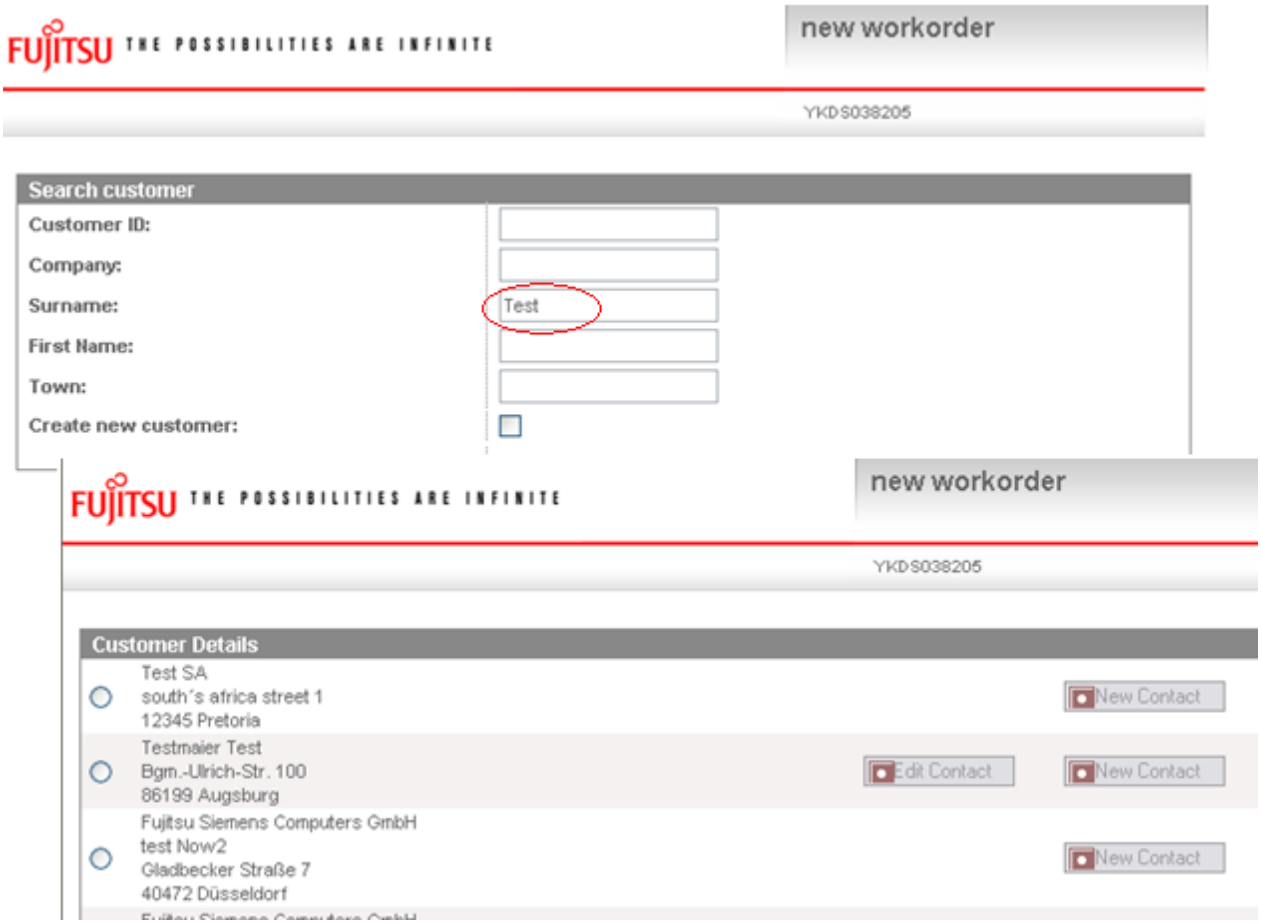
Click on <Next> to proceed.

Now the qualification and **repair scope** of the Service Partner and the selected Service Type will be checked against the customer system’s warranty details. If this check fails you will be notified about the reason.
Serial number can also be blocked, if an open Work Order already exists or have been closed recently. For these problems please contact the local FUJITSU Helpdesk.

3.2.1 Customer address

If the check is alright you have to enter the customer information next.
There are two possibilities:

1) Customer already exists
Search for the name, if address already exists:

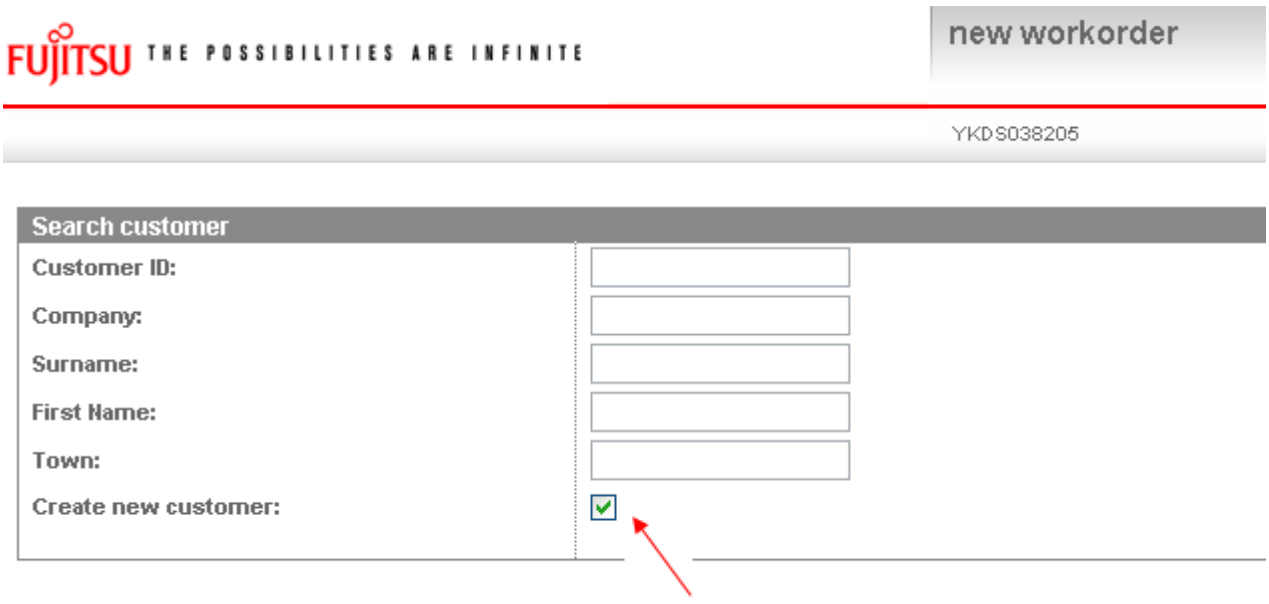


Select the customer and confirm with button <Next>.

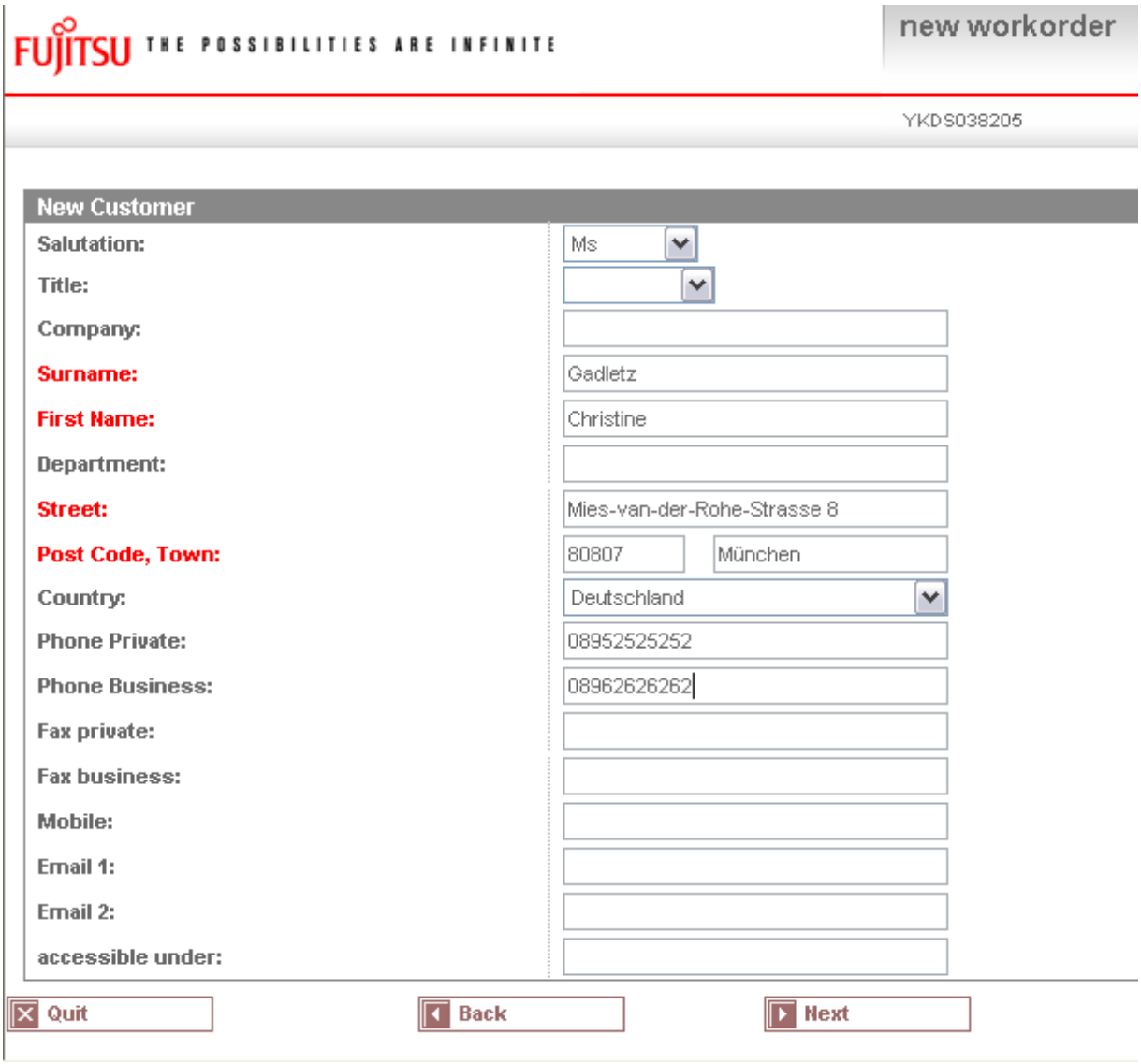
If the customer's address changed, it is possible to correct the addresses of customers created by partner.

2) Customer is new/ does not exist so far

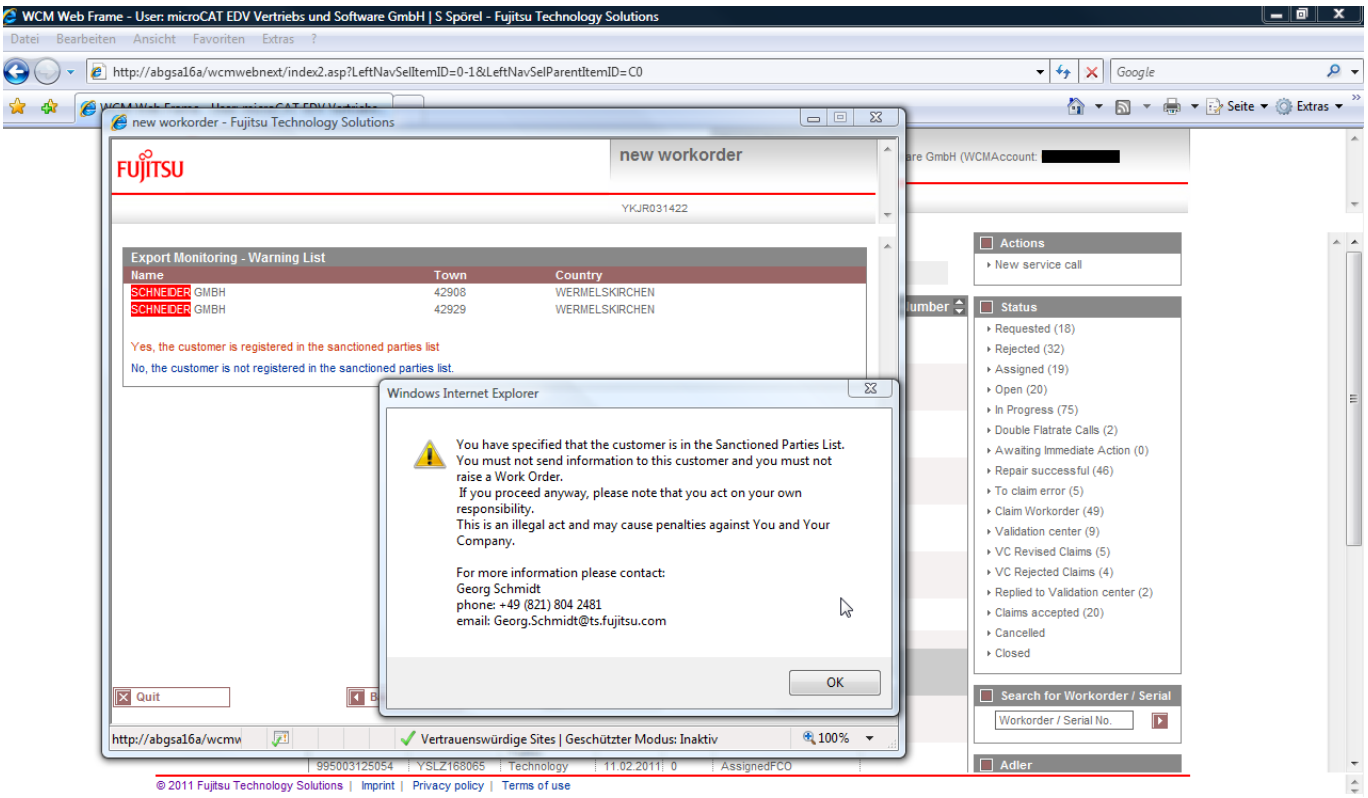
Add a new address. Tick "Create new customer" check box and click <Next>.
In the next window you have to enter all necessary address details of the new customer and at least one telephone number.
All fields marked red are mandatory and have to be filled in completely. They are also used for feedback and reclamation purposes.



Click on <Next> to proceed.



A “Warning list” check is opened:


WCM Web Frame - User: microCAT EDV Vertriebs und Software GmbH | S Spörel - Fujitsu Technology Solutions
new workorder - Fujitsu Technology Solutions
new workorder
YKJR031422
Export Monitoring - Warning List
Name
Town
Country
SCHNEIDER GMBH
42908
WERMELSKIRCHEN
SCHNEIDER GMBH
42929
WERMELSKIRCHEN
Yes, the customer is registered in the sanctioned parties list
No, the customer is not registered in the sanctioned parties list.
Windows Internet Explorer
You have specified that the customer is in the Sanctioned Parties List.
You must not send information to this customer and you must not raise a Work Order.
If you proceed anyway, please note that you act on your own responsibility.
This is an illegal act and may cause penalties against You and Your Company.
For more information please contact:
Georg Schmidt
phone: +49 (821) 804 2481
email: Georg.Schmidt@ts.fujitsu.com
OK
Quit
Actions
New service call
Status
Requested (18)
Rejected (32)
Assigned (19)
Open (20)
In Progress (75)
Double Flatrate Calls (2)
Awaiting Immediate Action (0)
Repair successful (46)
To claim error (5)
Claim Workorder (49)
Validation center (9)
VC Revised Claims (5)
VC Rejected Claims (4)
Replied to Validation center (2)
Claims accepted (20)
Cancelled
Closed
Search for Workorder / Serial
Workorder / Serial No.
Adler
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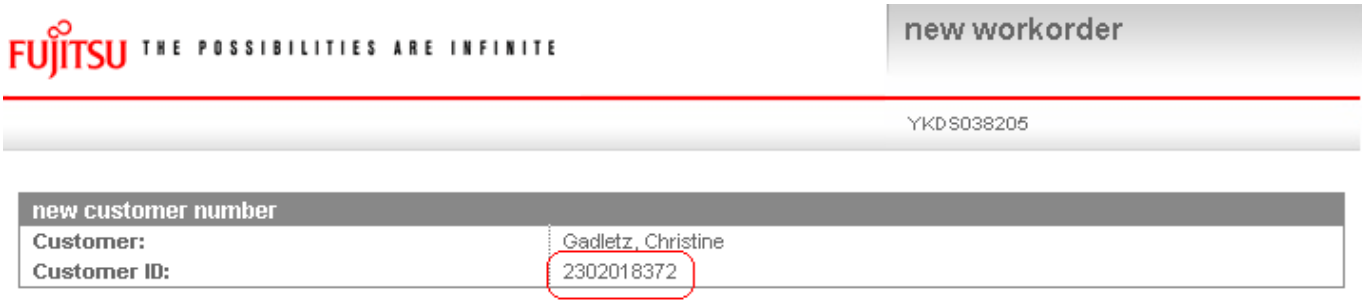
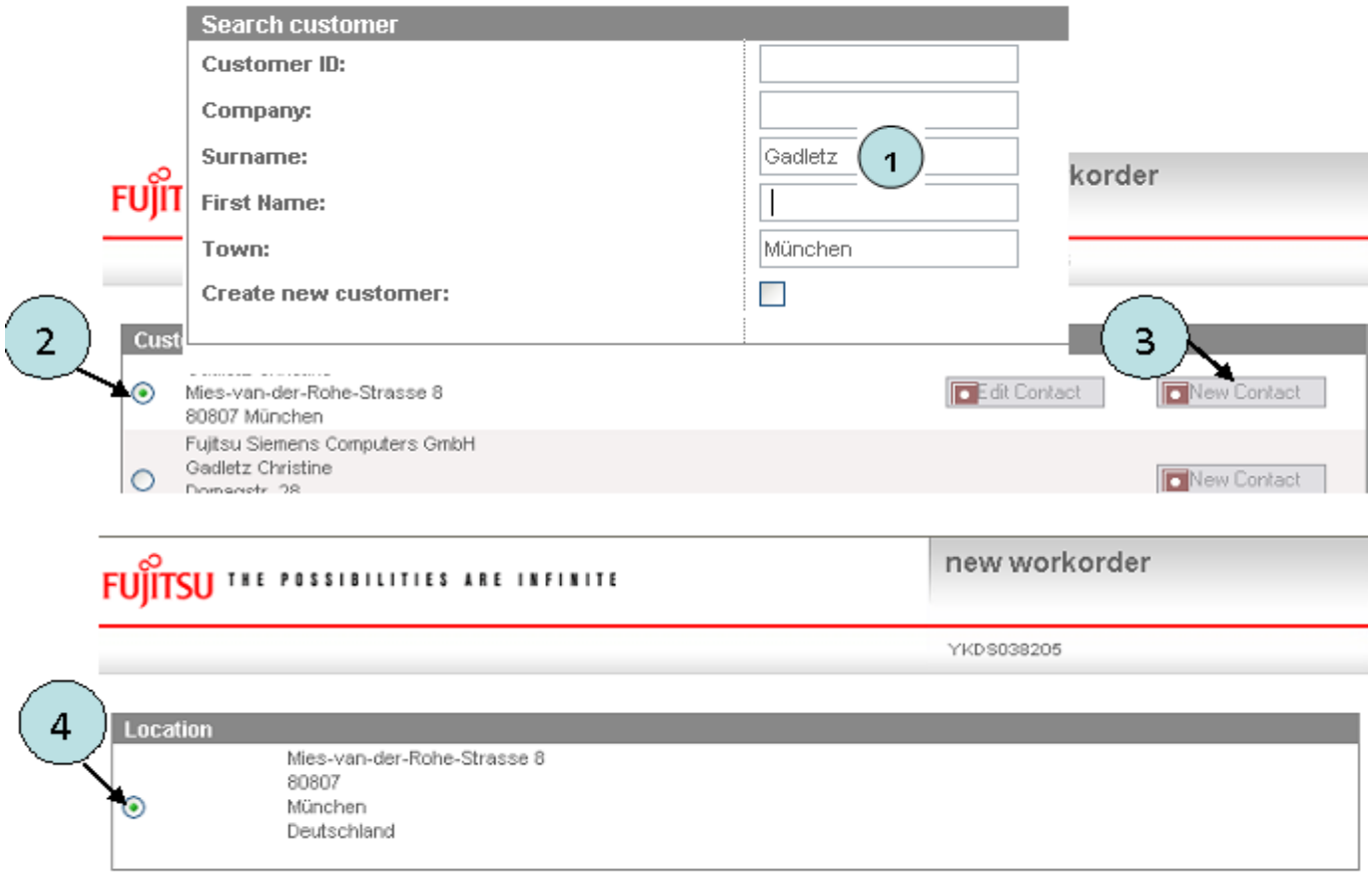
Check this list:
If your customer is <u>not</u> in the list then confirm “No, customer is not registered in the warning list”.
If your customer is in the list, please contact the FUJITSU Export Control:
Mr. Georg Schmidt, phone: +49 (821) 804 2481, e-mail: Georg.Schmidt@ts.fujitsu.com
Processing of the Service Call is now blocked until further clarification with Export Control Department.

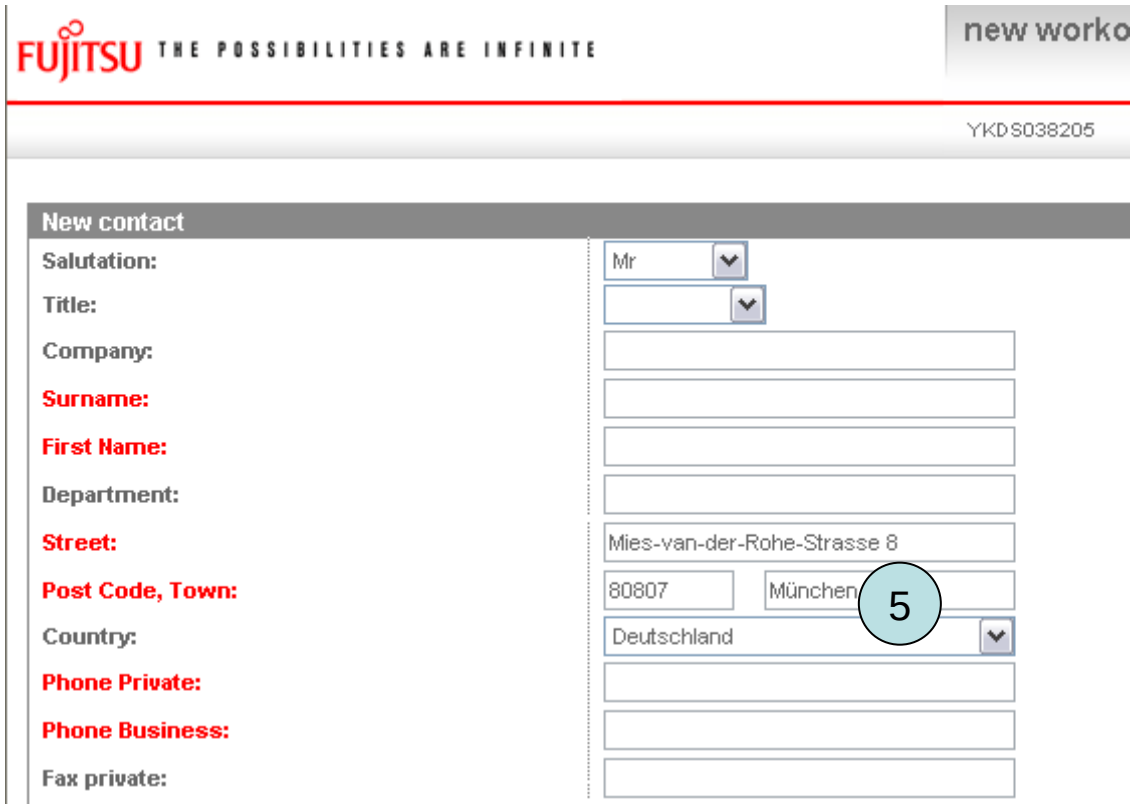
Then the Customer ID will be created:



<u>3) Editing of contact name in existing customer address</u>

Instead of setting up a new customer address it is possible now to edit a specific contact name.
This will help maintaining customers with bigger facilities and organizations.



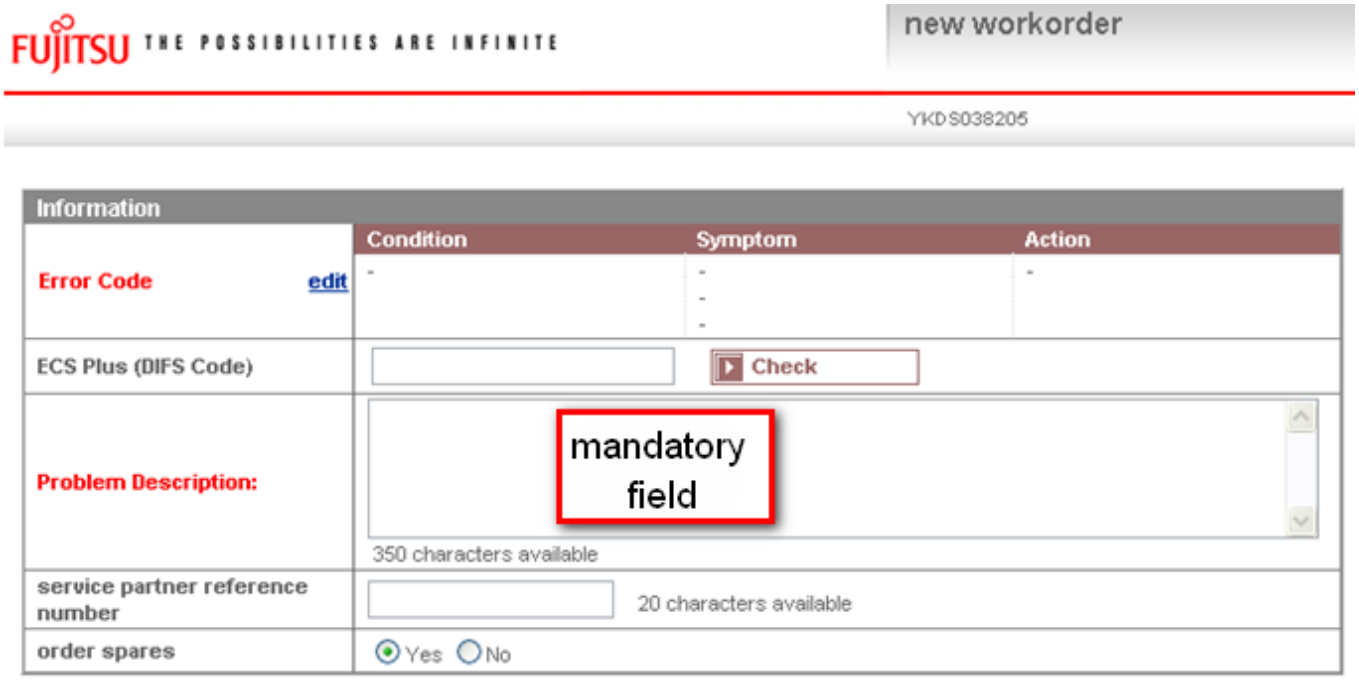


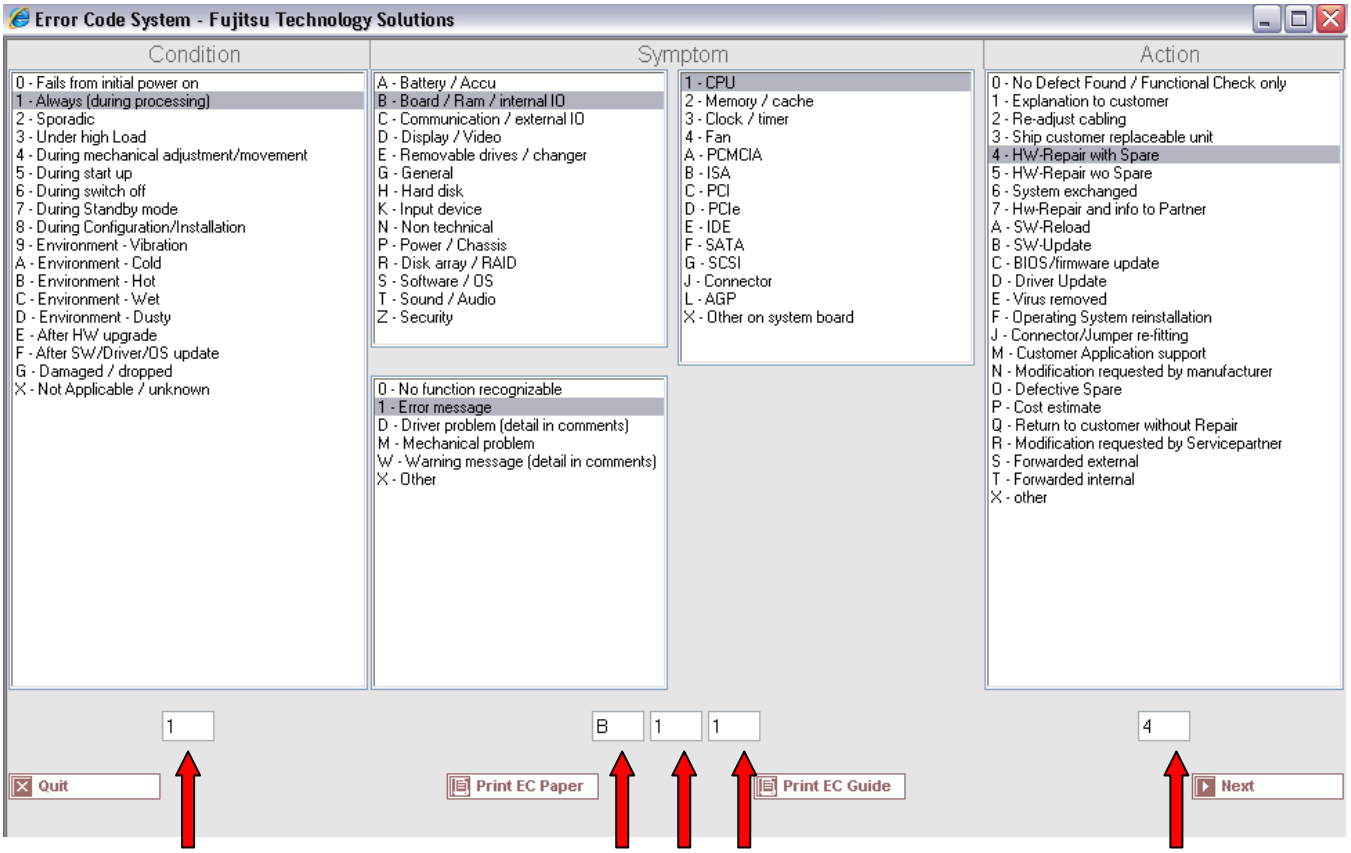
Check the warning list.
If your customer is not in the list then confirm “No, customer is not registered in the warning list”.
If your customer is in the list, please contact FUJITSU Export Control:
Mr. Georg Schmidt, phone: +49 (821) 804 2481, e-mail: Georg.Schmidt@ts.fujitsu.com
After confirming with ‘No’ contact is created.
Click on <Next>

3.2.2 Error description

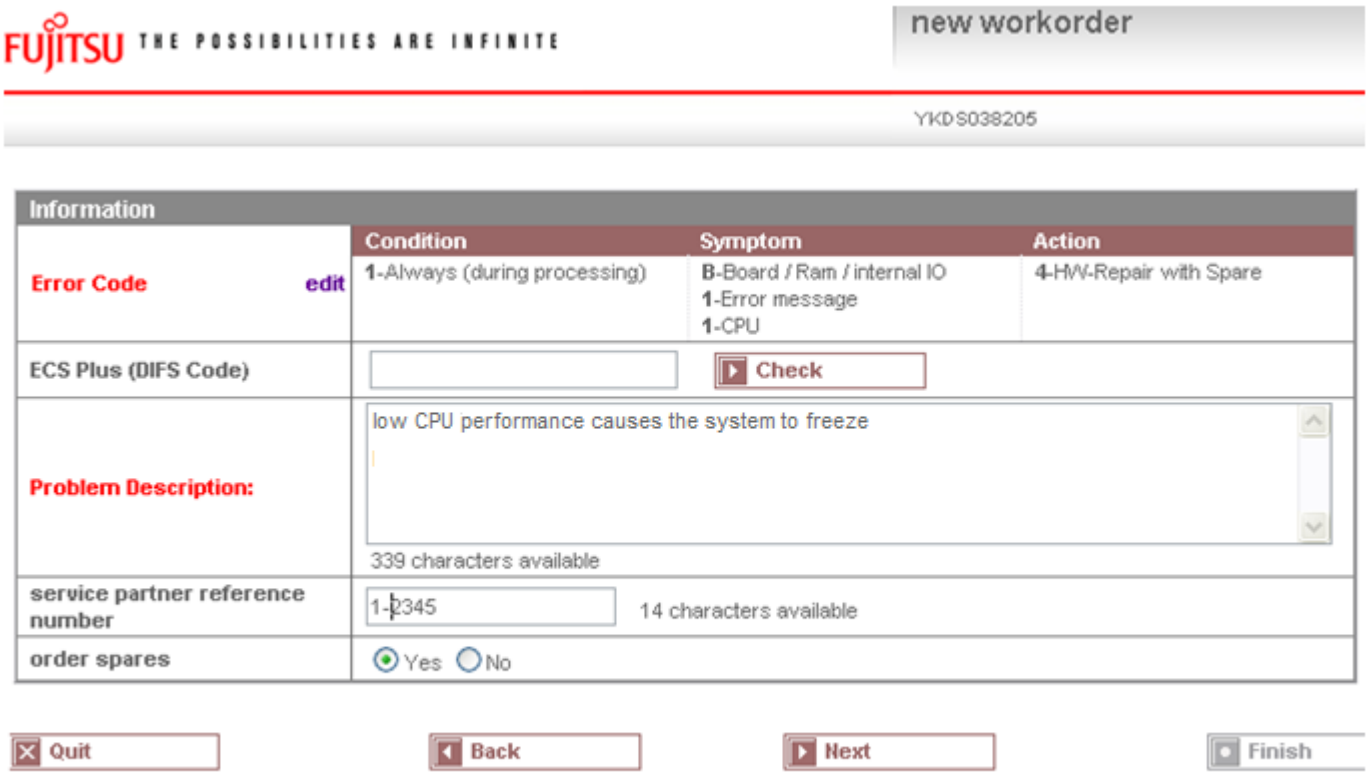
Enter the Error Code and the Problem Description; these are mandatory fields:
Error Code: Use button <EDIT> to enter the error code (see screen after text).
Problem Description: Please describe problem as exact as possible. Problem description can be max. of 350 characters length.

Entering data into field “service partner reference number” can be very useful for your own administration process, but it is no mandatory field. The „service partner reference number” will be printed on the delivery note.




Error Code System - Fujitsu Technology Solutions
Condition
0 - Fails from initial power on
1 - Always (during processing)
2 - Sporadic
3 - Under high Load
4 - During mechanical adjustment/movement
5 - During start up
6 - During switch off
7 - During Standby mode
8 - During Configuration/Installation
9 - Environment - Vibration
A - Environment - Cold
B - Environment - Hot
C - Environment - Wet
D - Environment - Dusty
E - After HW upgrade
F - After SW/Driver/OS update
G - Damaged / dropped
X - Not Applicable / unknown
Symptom
A - Battery / Accu
B - Board / Ram / internal IO
C - Communication / external IO
D - Display / Video
E - Removable drives / changer
G - General
H - Hard disk
K - Input device
N - Non technical
P - Power / Chassis
R - Disk array / RAID
S - Software / OS
T - Sound / Audio
Z - Security
1 - CPU
2 - Memory / cache
3 - Clock / timer
4 - Fan
A - PCMCIA
B - ISA
C - PCI
D - PCIe
E - IDE
F - SATA
G - SCSI
J - Connector
L - AGP
X - Other on system board
0 - No function recognizable
1 - Error message
D - Driver problem (detail in comments)
M - Mechanical problem
W - Warning message (detail in comments)
X - Other
Action
0 - No Defect Found / Functional Check only
1 - Explanation to customer
2 - Re-adjust cabling
3 - Ship customer replaceable unit
4 - HW-Repair with Spare
5 - HW-Repair wo Spare
6 - System exchanged
7 - Hw-Repair and info to Partner
A - SW-Reload
B - SW-Update
C - BIOS/firmware update
D - Driver Update
E - Virus removed
F - Operating System reinstallation
J - Connector/Jumper re-fitting
M - Customer Application support
N - Modification requested by manufacturer
O - Defective Spare
P - Cost estimate
Q - Return to customer without Repair
R - Modification requested by Servicepartner
S - Forwarded external
T - Forwarded internal
X - other
1
B
1
1
4
Quit
Print EC Paper
Print EC Guide
Next

Direct input of Error Code from technicians is possible when clicking on <edit>.

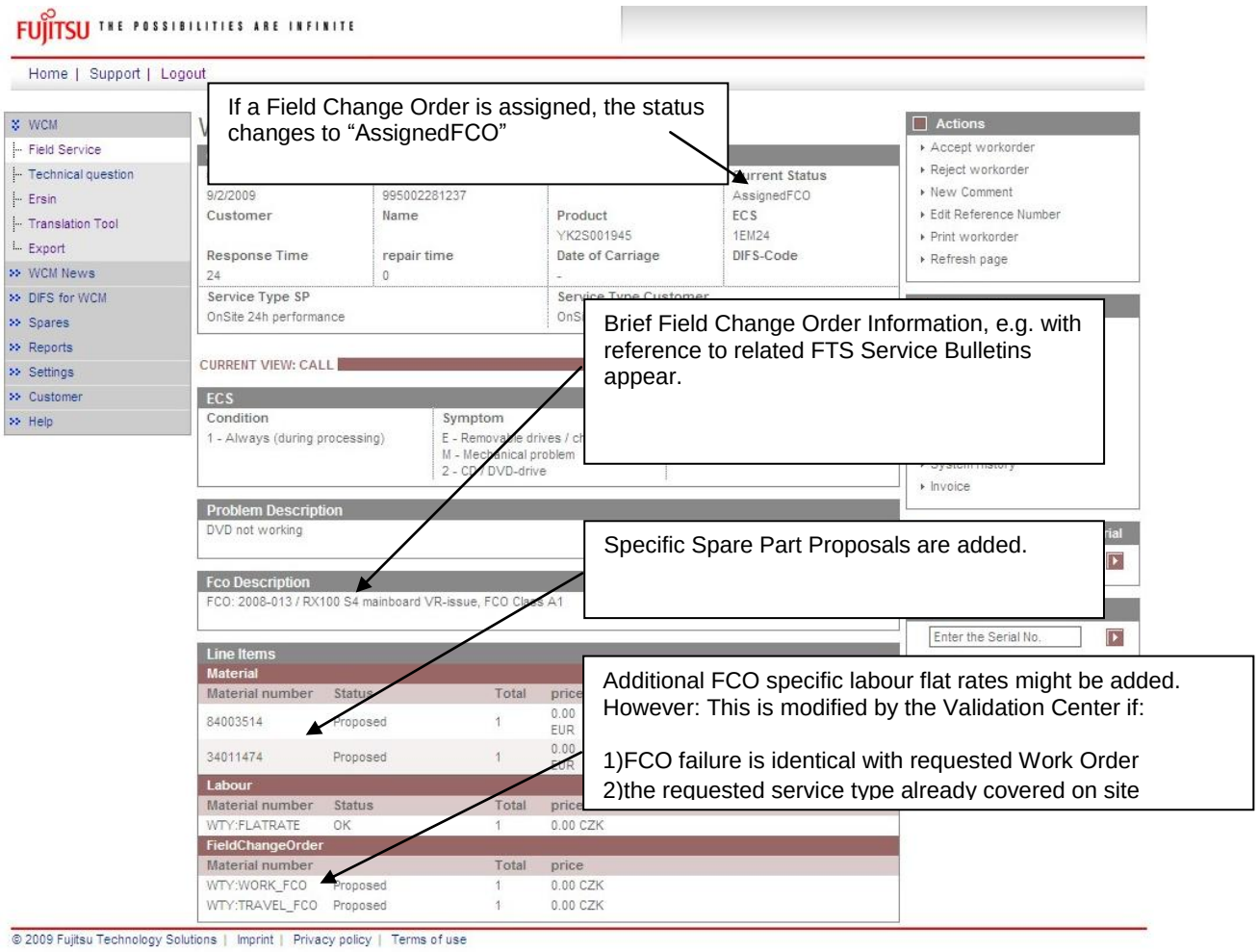


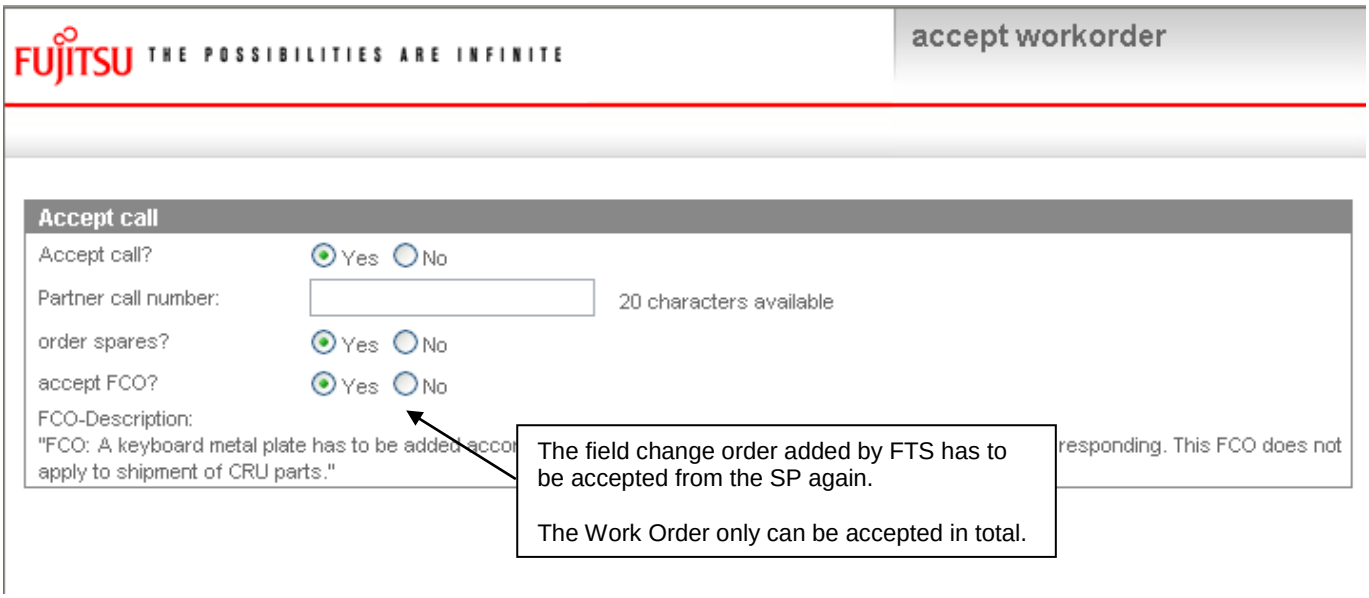
Click on button <Next> to continue with the spare part ordering process, please refer to chapter 4.1.

3.3 Field change order

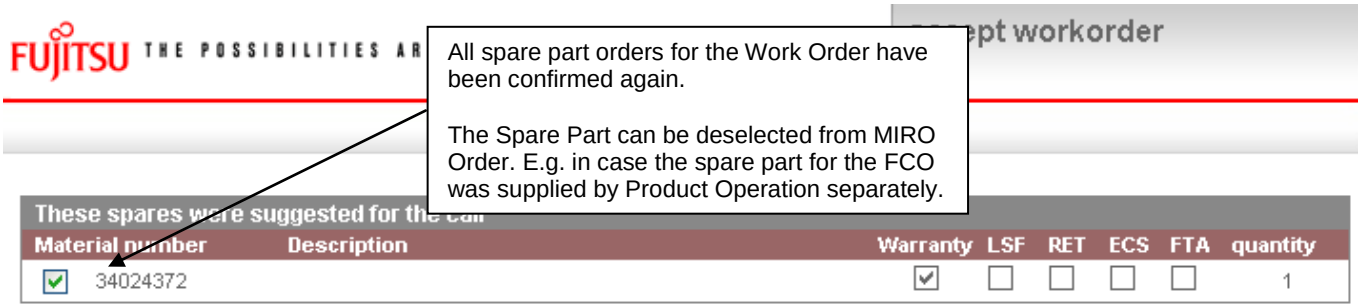
With WCM it is possible to support recalls. The list of serial numbers affected can be loaded. WCM will identify related systems during a call; suggest spare parts and grant additional flat rates if necessary. The WCM FCO function will not replace the FUJITSU FCO process but support it. Thus for all systems in a normal call, it is assured the necessary FCO is executed as well.

The exact procedure has to be agreed with Product Operation case by case. The screenshots attached only can give an impression how it looks like in the system if a FCO is involved.




accept workorder
Accept call
Accept call? Yes No
Partner call number:
20 characters available
order spares? Yes No
accept FCO? Yes No
FCO-Description:
The field change order added by FTS has to be accepted from the SP again.
The Work Order only can be accepted in total.

The order can only be accepted in total.


FUJITSU THE POSSIBILITIES AR
ept workorder
All spare part orders for the Work Order have been confirmed again.
The Spare Part can be deselected from MIRO Order. E.g. in case the spare part for the FCO was supplied by Product Operation separately.
These spares were suggested for the call
Material number
Description
Warranty
LSF
RET
ECS
FTA
quantity
34024372
1

3.3.1 Different priority levels of FCO

There are different priority levels of FCOs. We distinguish into 2 different types of FCOs - FCO Type A and FCO Type A1:

FCO Type A describes the critical FCOs which have to be executed and handled by the specific service providers (SP) in any case, even if the suggested service type (ST) during the call entry at the Help Desk was CRU initially. FCO Type A1 describes the minor critical FCOs. Unlike the FCO Type A, the FCO Type A1 is ignored in case the service type is CRU.

In most countries the CRU process is enabled for the Help Desk only where the described logic above is fully supported in Support Assistant. Only in some countries the Service Type CRU is enabled for WCM WEB self assigned claims.

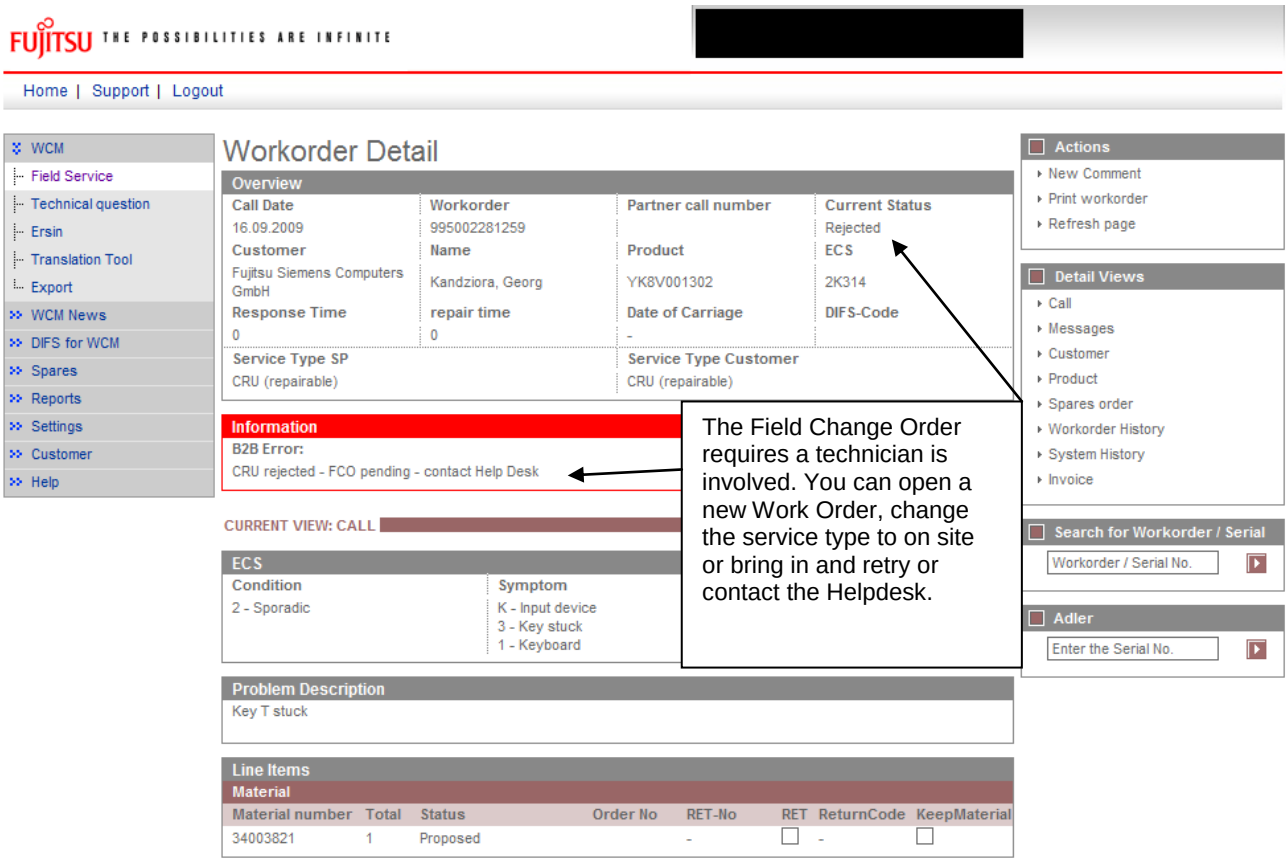
3.3.2 Different priority levels of FCO

For countries where the Service Type CRU is enabled for WCM WEB self assigned claims the following section describes how this functionality is integrated into the WCM WEB claim handling workflow.

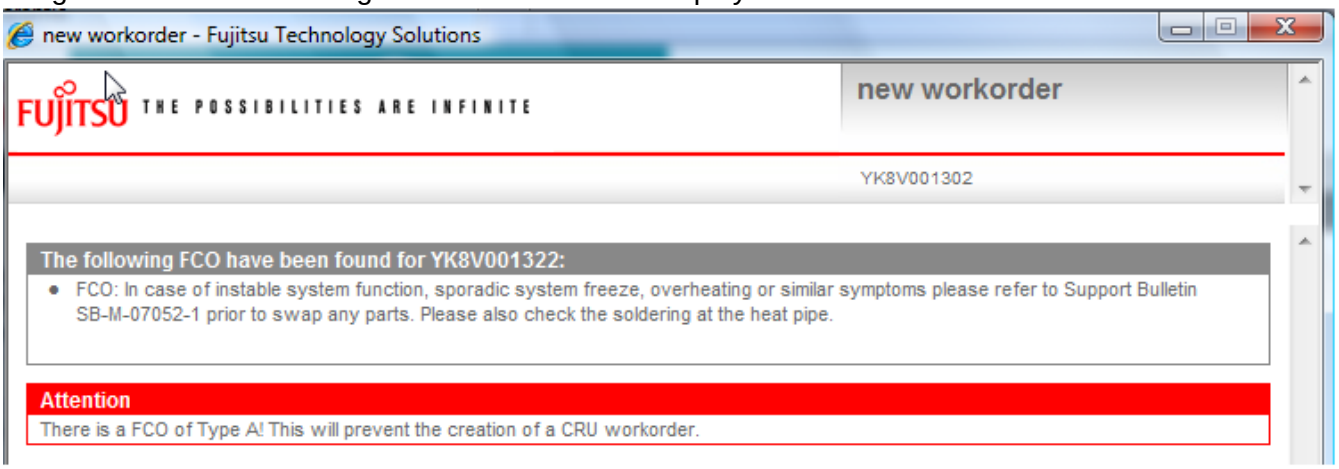
3.3.2.1 FCO is of type A and the service type is “CRU”

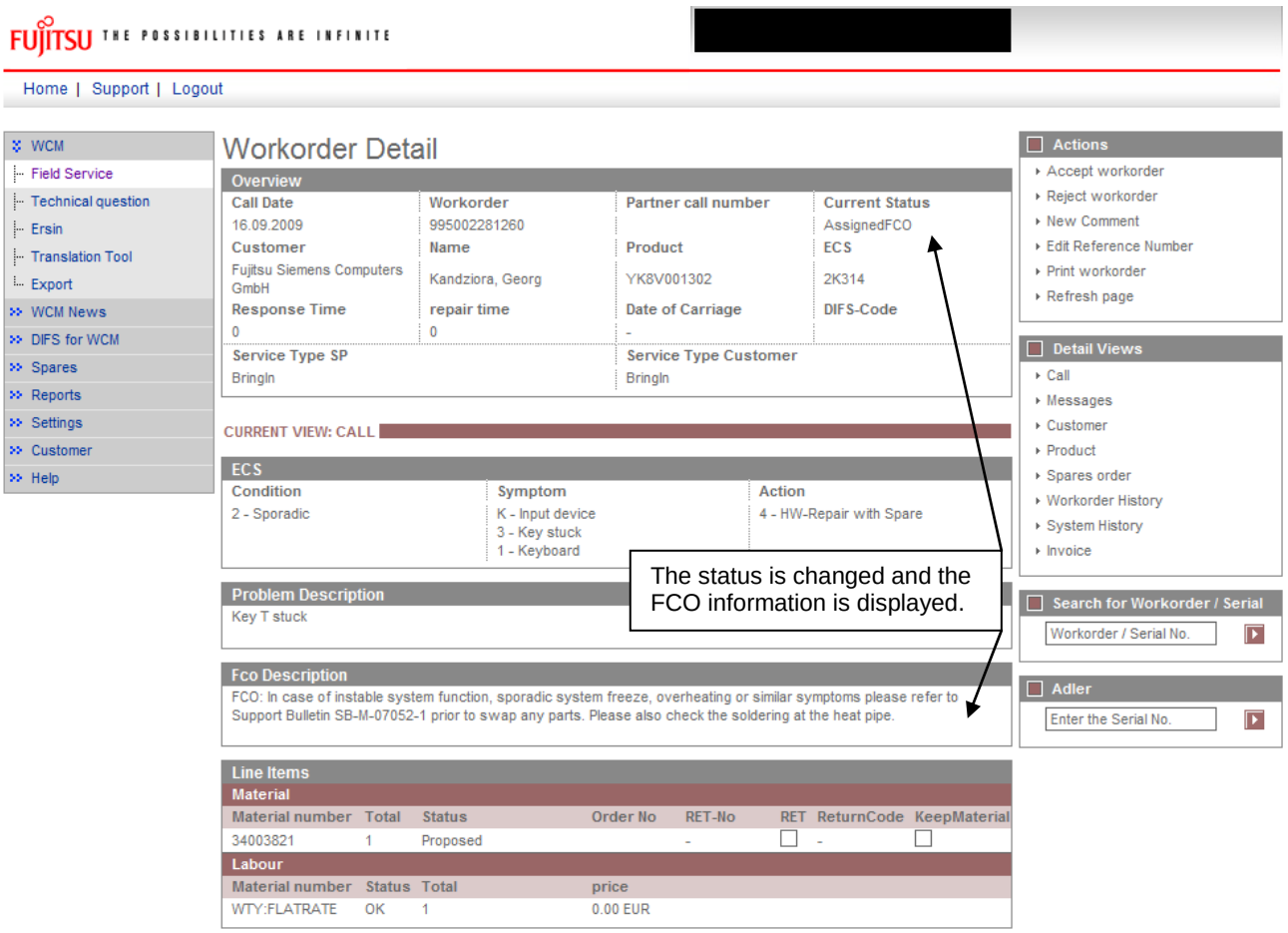
In case the FCO is of type A and the service type is “CRU”, the claim will be rejected with the following reject reason: CRU rejected – FCO pending – contact Help Desk.

In case multiple FCOs are identified for one Work Order and the types of the FCOs are different and there’s one of the type A and the service type of the claim is CRU, the Service Type CRU is rejected as well.



After the call is opened with service type different from service type CRU, the Work Order is assigned and the field change order information is displayed.


new workorder - Fujitsu Technology Solutions
FUJITSU THE POSSIBILITIES ARE INFINITE
new workorder
YK8V001302
The following FCO have been found for YK8V001322:
FCO: In case of instable system function, sporadic system freeze, overheating or similar symptoms please refer to Support Bulletin SB-M-07052-1 prior to swap any parts. Please also check the soldering at the heat pipe.
Attention
There is a FCO of Type A! This will prevent the creation of a CRU workorder.

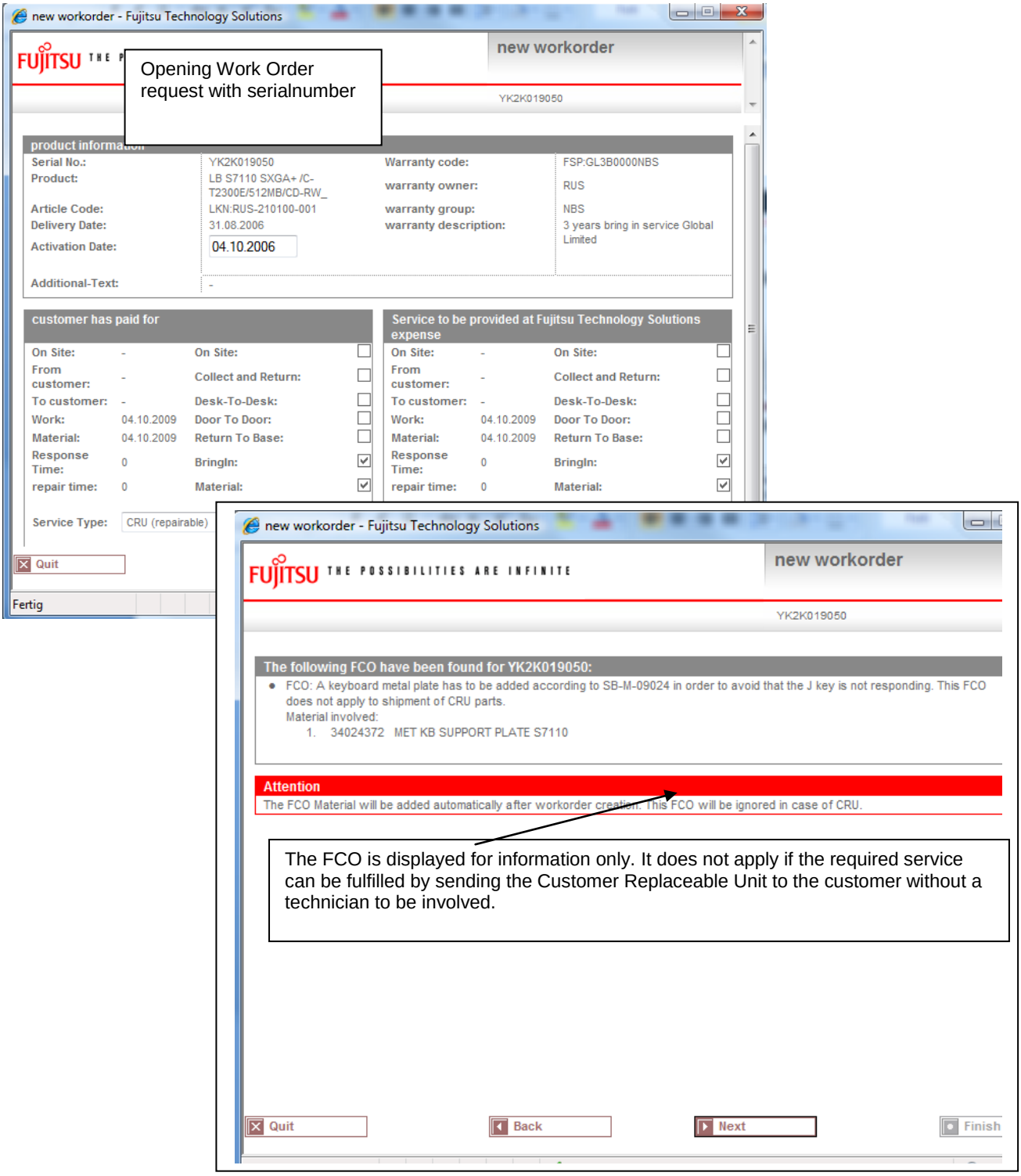


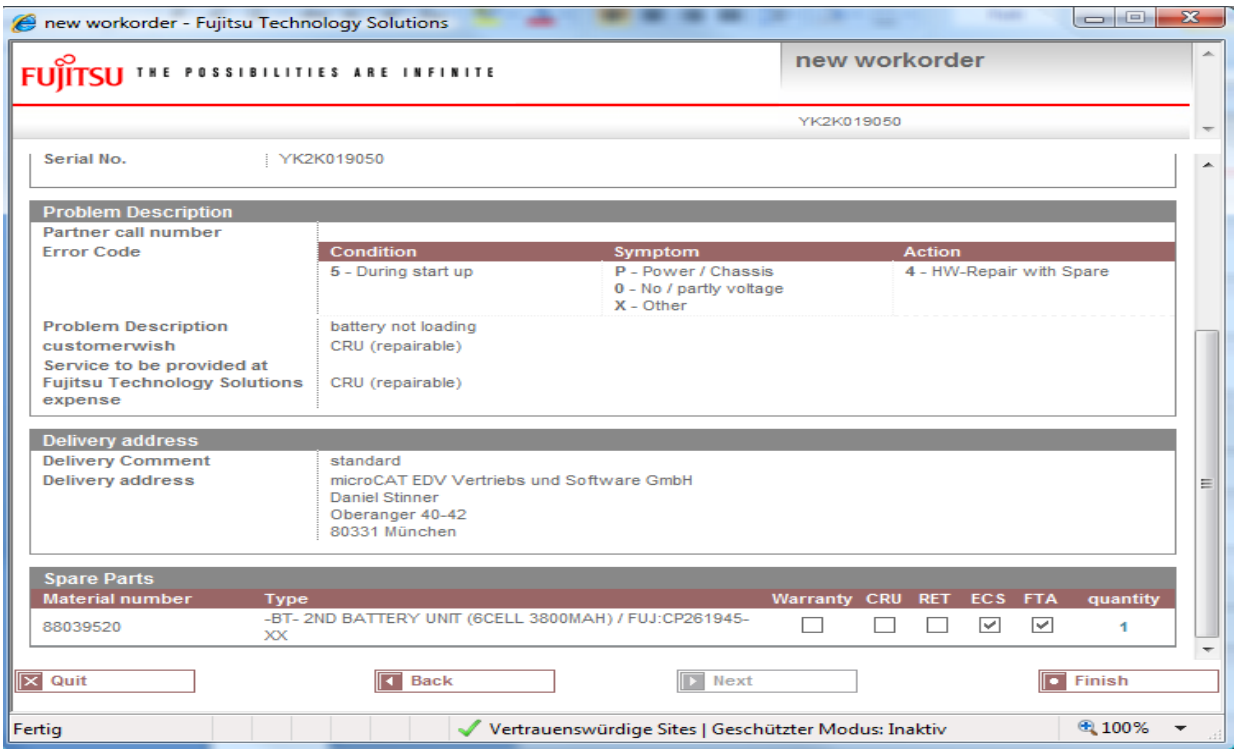
As usual, subsequently the Work Order with the assigned FCO has to be accepted by the Service Partner again.

3.3.2.2 FCO is of type A1 and the service type is “CRU”

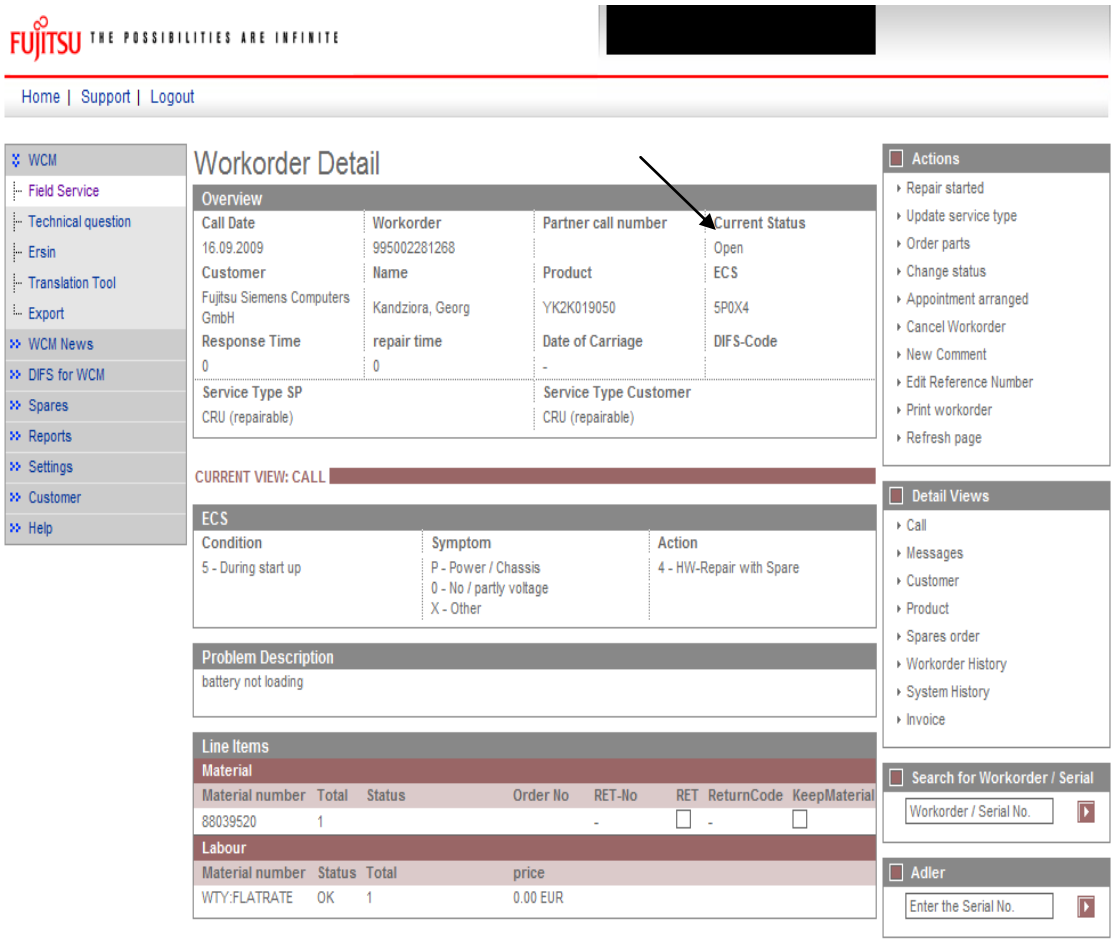
In case the FCO is of type A1 and the service type is “CRU”, the FCO will be ignored and the claim will be handled like a normal Work Order without FCO.

However the FCO information is displayed after the Work Order request is sent. It disappears after the material order identifies the part is a CRU part.


new workorder - Fujitsu Technology Solutions
new workorder
YK2K019050
Opening Work Order request with serialnumber
product information
Serial No.: YK2K019050
Product: LB S7110 SXGA+ /C-T2300E/512MB/CD-RW_
Article Code: LKN:RUS-210100-001
Delivery Date: 31.08.2006
Activation Date: 04.10.2006
Additional-Text: -
Warranty code: FSP:GL3B0000NBS
warranty owner: RUS
warranty group: NBS
warranty description: 3 years bring in service Global Limited
customer has paid for
Service to be provided at Fujitsu Technology Solutions expense
On Site: - On Site:
From customer: - Collect and Return:
To customer: - Desk-To-Desk:
Work: 04.10.2009 Door To Door:
Material: 04.10.2009 Return To Base:
Response Time: 0 BringIn:
repair time: 0 Material:
Service Type: CRU (repairable)
Quit
Fertig
new workorder - Fujitsu Technology Solutions
FUJITSU THE POSSIBILITIES ARE INFINITE
new workorder
YK2K019050
The following FCO have been found for YK2K019050:
FCO: A keyboard metal plate has to be added according to SB-M-09024 in order to avoid that the J key is not responding. This FCO does not apply to shipment of CRU parts.
Material involved:
1. 34024372 MET KB SUPPORT PLATE S7110
Attention
The FCO Material will be added automatically after workorder creation. This FCO will be ignored in case of CRU.
The FCO is displayed for information only. It does not apply if the required service can be fulfilled by sending the Customer Replaceable Unit to the customer without a technician to be involved.
Quit
Back
Next
Finish

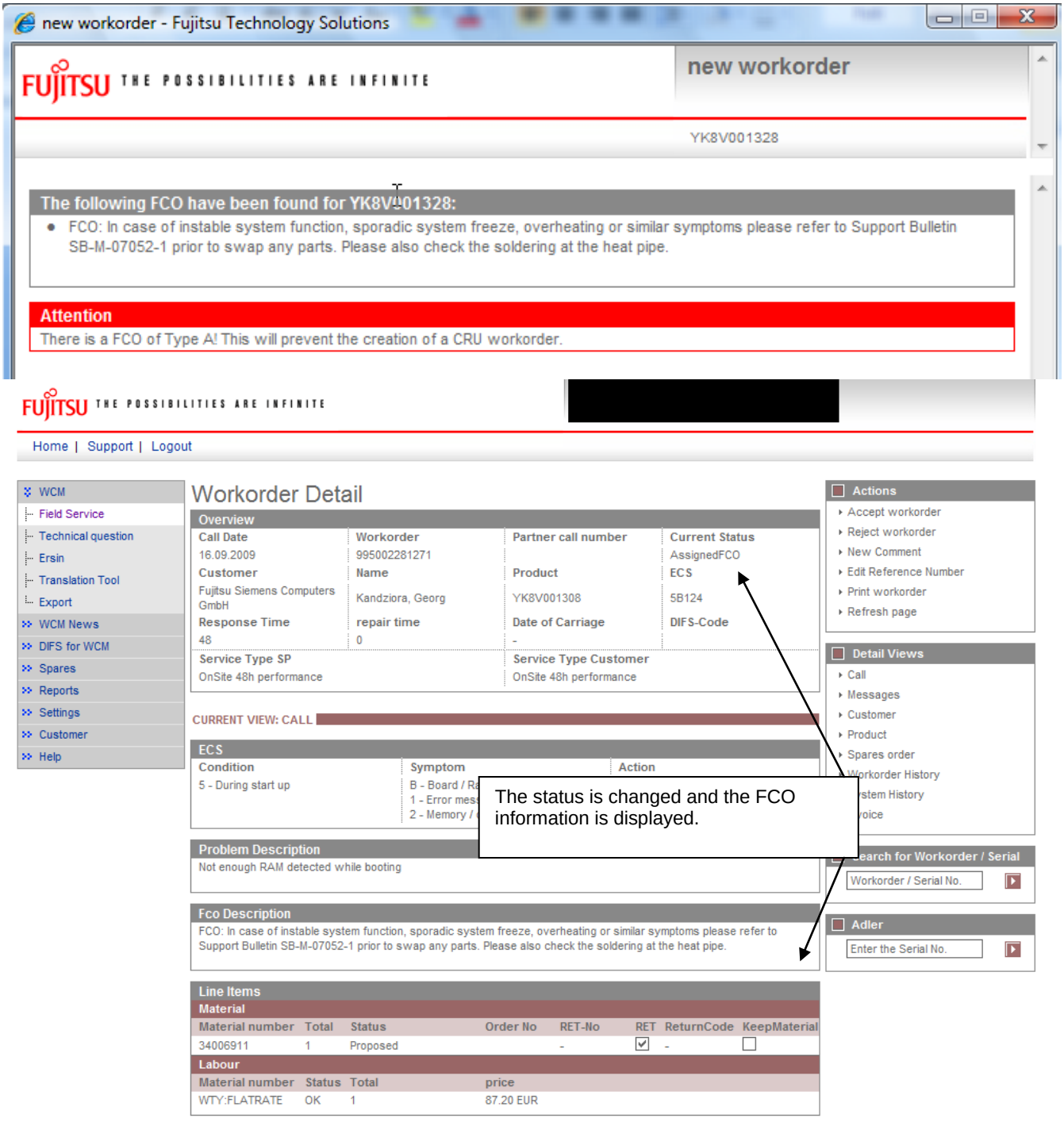


After the necessary spare parts are ordered, the status is changed to “Open”. No FCO is assigned.



3.3.2.3 FCO is of type A or A1 and the service type is not equal to CRU

In case the FCO is of type A or A1 and the service type is not equal to CRU, now the FCO information is displayed during the Work Order request already and subsequently is processed by the selected service provider as usual. No further change to the existing process.



As usual, subsequently the assigned FCO has to be accepted by the Service Partner again.

3.4 SWAP Process

For systems like Blade Frame or Monitor, the whole unit is replaced during the break fix. Immediately after the exchange of the defective system, the warranty data is transferred to the asset data of the Replacement System. Warranty Codes, SLA and day of first use date from the defective Call Entry SNR sold to the customer originally are moved to the Replacement Serial Number (SWAP). Thus the warranty entitlement of the customer keeps updated.

Required assistance by the Service Partners

For systems marked as swappable in the asset data the information about the Replacement System Serial Number needs to be entered in WCM by the Service Partner. Entry fields are provided in WCM WEB to be confirmed or updated. Adaptations of the messages in the B2B process are explained below.

3.4.1 Function

The Work Order in WCM is based on the SNR the customer communicates. As soon as the system is swapped successfully the Work Order is updated by two dates:
- the confirmed or corrected Serial Number of the actual collected defective system
- the Replacement Serial Number

If the actual SNR of the defective system differs from the SNR the customer communicated with the call, the Work Order is processed with a different SNR immediately after the WCM WEB User entries or the B2B Partners messages corrected the call assignment record. The correction is done during the To Claim process only. All three Serial Numbers, the SNR from the call entry, the corrected defective system SNR and the Replacement SNR will be placed in the WCM asset data. So the swap is traceable in WCM.

The ADLER data of the Replacement SNR takes over the Warranty Data which has been recorded to the defective System Serial Number in ADLER.

3.4.2 Process steps

A swap only is requested if the Work Order carries a SWAP Flag. Then, the Claim Update during the To Claim Action requires the additional entry of the Replacement SNR. It subsequently is updated in the ADLER data base by the warranty data of the Call Entry SNR. In some cases the update of ADLER is delayed as a manual confirmation of the local Service Management is necessary. This is the case if the Replacement System SNR is registered in the asset data base ADLER with a wrong Warranty Code, i.e. different to FSP:SWAP.

3.4.2.1 Work Order open

The WO is opened on the Call Entry SNR1. Based on the Call Entry SNR1 warranty record the Swap is taking place. Even so the Call Entry SNR1 could turn out to be misspelled by the customer. This requires an update in the workflow of the warranty claim.

3.4.2.2 Replacement

SNR2 is the Replacement SNR (SWAP) of the swapped asset. The Replacement SNR2 is entered by the SP or repairer.

3.4.2.3 Confirmation of defect SNR

As mentioned previously, after the repair is done a 3rd SNR could take place. This is the defect SNR which is identified by the Service Partner or Repair Center managing the swap stock. If the defect SNR3 is different to the Claim Entry SNR1, the defect SNR3 overwrites the Call Entry SNR1. The Service Partner sends the correct defect SNR during the ToClaim Action in exchange for the original Call Entry SNR the customer communicated.

3.4.2.4 To Claim the Work Order

After the Call Entry SNR is confirmed and the Replacement SNR is entered in WCM the Work Order is claimed. The exceptionally scenarios may apply - see chapter 3.4.5

3.4.3 Exceptions where no Swap Data need to be provided

Although the system is marked as swappable in the asset data, there are some exceptions the Work Order is not processed as Swap:

3.4.3.1 Desk to Desk Monitor Exchange in Germany

In Germany for Service Type Desk to Desk two Work Orders are opened by the Help Desk in parallel. The first one for the on site Service Partner (Desk to Desk) and another one for the Logistics Partner (Door to Door). For Service Type Desk to Desk no update of the Call Entry SNR1 by the actually identified SNR3, nor an update of the Work Order with the Replacement SNR2 (SWAP) is required. Both information are retrieved from the parallel Work Order of the Logistics Partner. As the Logistics Partner owns the swap stock information and forwards the defective system to the repair centre. WCM differentiates the Work Orders automatically.

3.4.3.2 Forwarded Work Orders

If in the country organization the Work Order forward process is implemented, i.e. a Service Partner is defined who can receive Work Orders from WCM WEB User Accounts of other Service Partners, the WCM WEB User Account who opened the claim is not requested to deliver the Swap data. Only the receiving WCM Service Partner account has to provide the Swap data. WCM distinguishes the status of forwarded Work Orders automatically.

3.4.3.3 Named repair for Displays with Door to Door Service

Despite the related monitor product family normally is maintained by Door to Door Service, in single cases the customer requests a named repair and gets his original system back after repair. Those repair orders are opened in WCM with Service Type Collect & Return. The Swap applies, but as the Call Entry SNR1 and Replacement SNR2 are identically, no Swap of the warranty data is executed. WCM will distinguish automatically, if Service Type is C&R and Call Entry SNR1 is equal to Replacement SNR2. The Swap Flag is removed from the Work Order data in WCM.

3.4.3.4 Repair of Blades

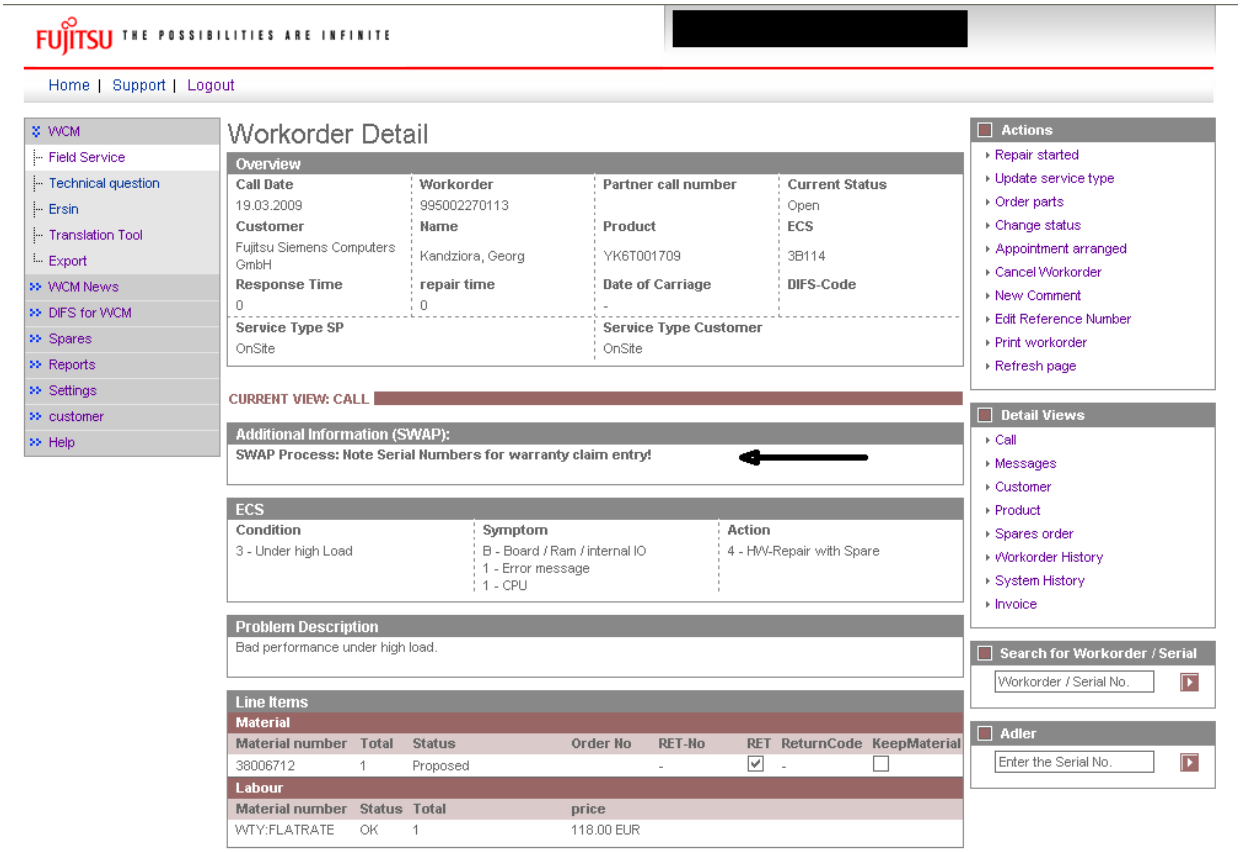
Repair on Blade Systems require a SWAP process if the whole unit is replaced. This is the case if the failure unit is the Blade Master or Blade Slave board which is combined to the housing. However a Blade failure might be fixed by replacing a modular component e.g. the RAM. The unit is not replaced and the Call Entry SNR1 does not change. The Service Partner signifies this by simply entering the Call Entry SNR1 for the Replacement SNR2 once again.

3.4.4 WCM WEB information

3.4.4.1 SWAP Example 1 – whole Blade unit was swapped

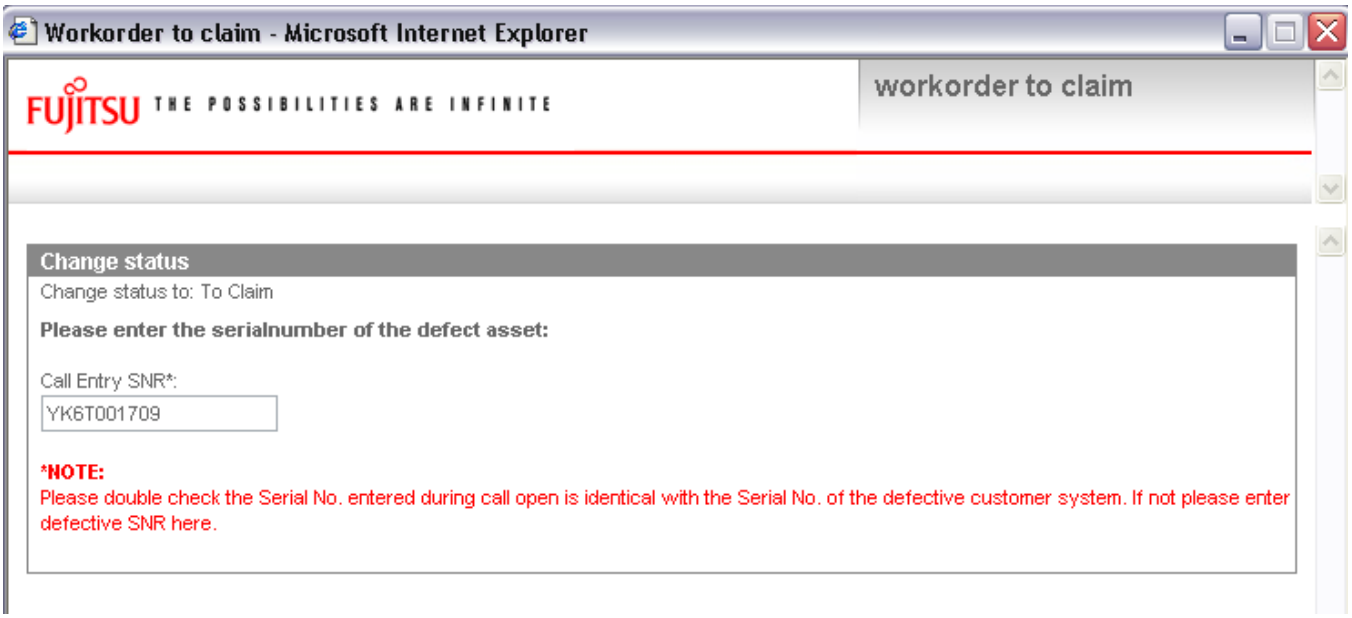
Work Order open

During a claim is opened in WCM WEB, WCM checks if the related system can be exchanged completely for break fix, i.e. the system is swappable or not. If the system is swappable in the Work Order Details an Additional Information line is displayed to inform the Service Partner the SNR of the defective and the SNR of the replacement system need to be recorded in the subsequent WCM claim process.

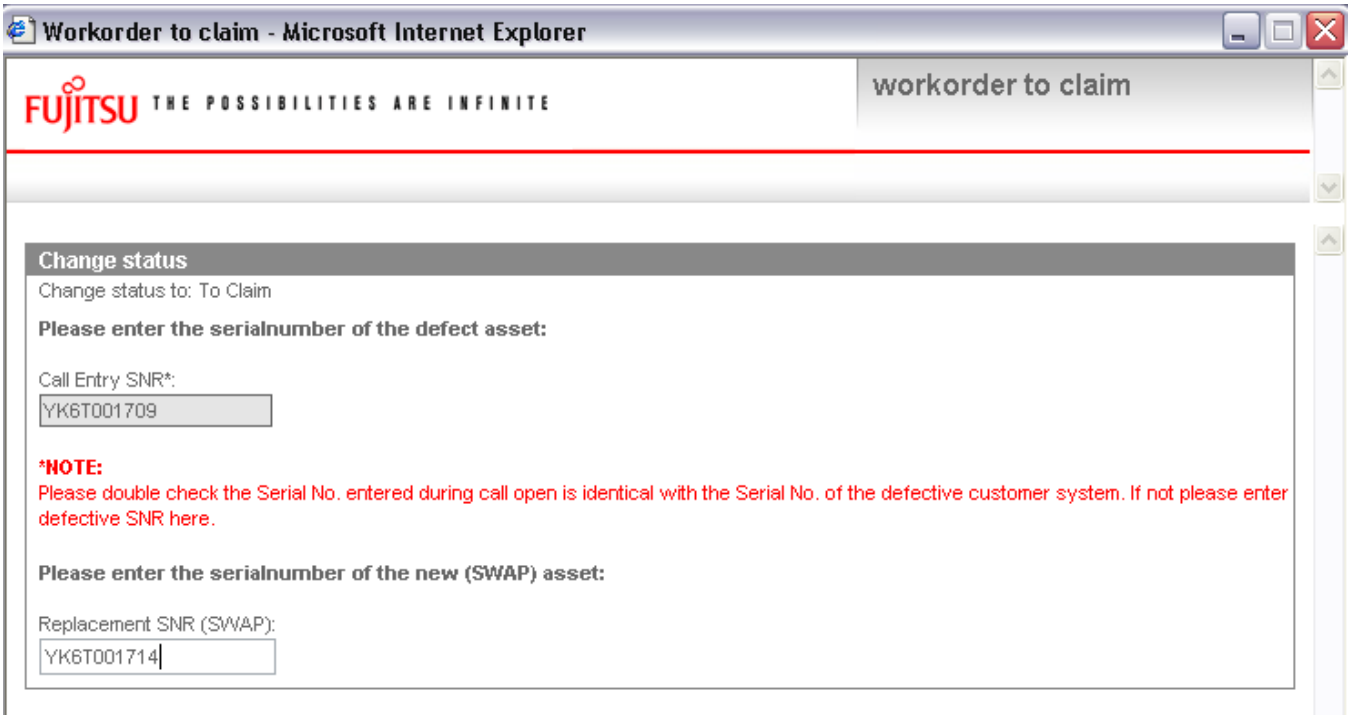


SNR entry of replacement system

The replacement system can be ordered and the repair started and finished is confirmed in WCM as usual. When the Work Order is claimed, the system SNR of the Claim Entry is displayed. If the actual defect system SNR differs from the Claim Entry SNR the Help Desk had recorded from the customer call earlier, the Claim Entry SNR needs to be overwritten.


Workorder to claim - Microsoft Internet Explorer
FUJITSU THE POSSIBILITIES ARE INFINITE
workorder to claim
Change status
Change status to: To Claim
Please enter the serialnumber of the defect asset:
Call Entry SNR*:
YK6T001709
*NOTE:
Please double check the Serial No. entered during call open is identical with the Serial No. of the defective customer system. If not please enter defective SNR here.

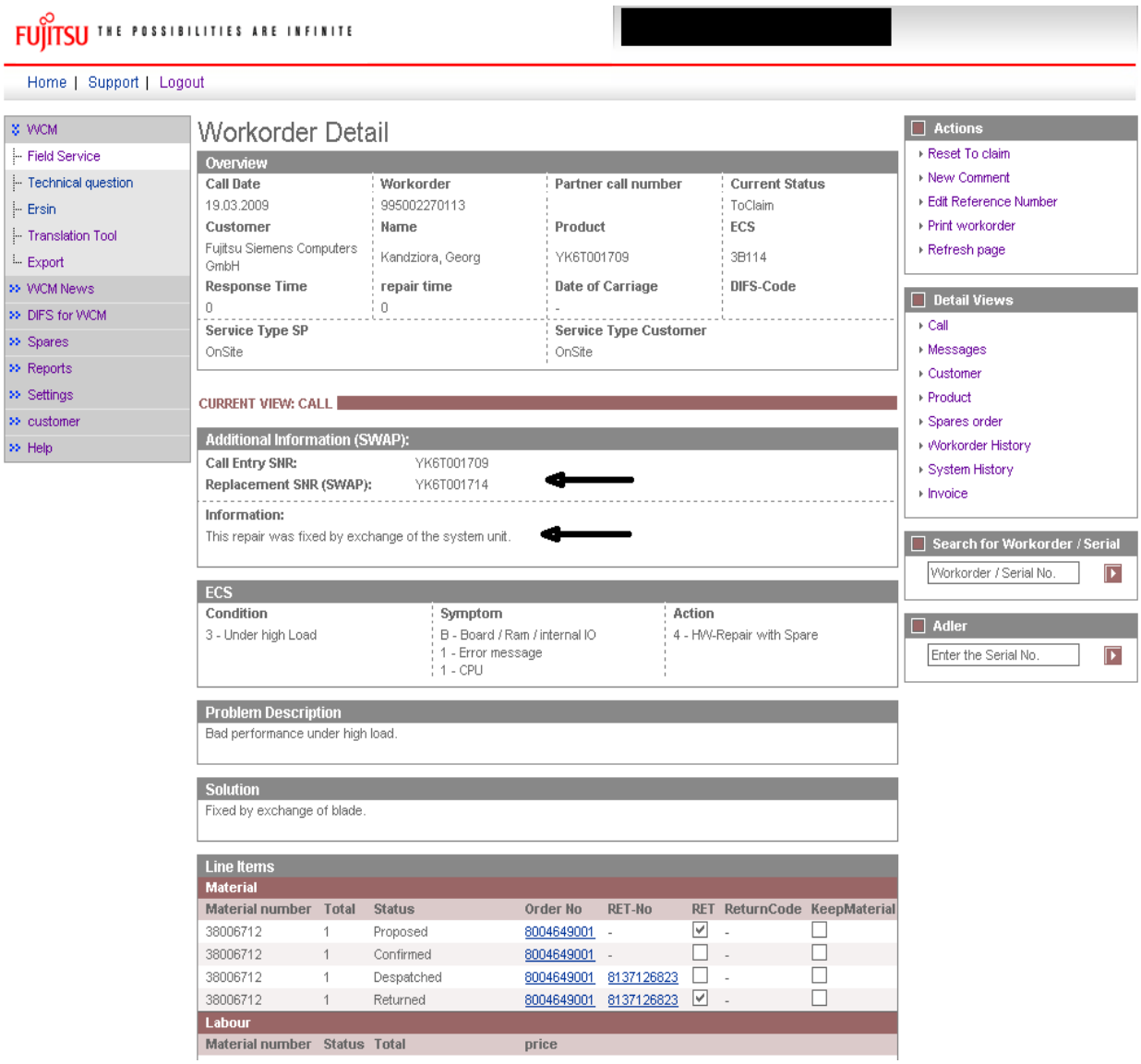
After confirmation by pressing the button Finish, a second entry is opened. Here the serial number of the Replacement System is required.


Workorder to claim - Microsoft Internet Explorer
FUJITSU THE POSSIBILITIES ARE INFINITE
workorder to claim
Change status
Change status to: To Claim
Please enter the serialnumber of the defect asset:
Call Entry SNR*:
YK6T001709
*NOTE:
Please double check the Serial No. entered during call open is identical with the Serial No. of the defective customer system. If not please enter defective SNR here.
Please enter the serialnumber of the new (SWAP) asset:
Replacement SNR (SWAP):
YK6T001714

After the Replacement Serial Number is recorded and confirmed by the button Finish, the Current Status of the Work Order changes into ToClaim.

Trace the swapped system

The Additional Information line keeps the information on the claim header to mark this break fix was done by exchange of the whole system. The Call Entry SNR and the Replacement SNR are stored there as well.

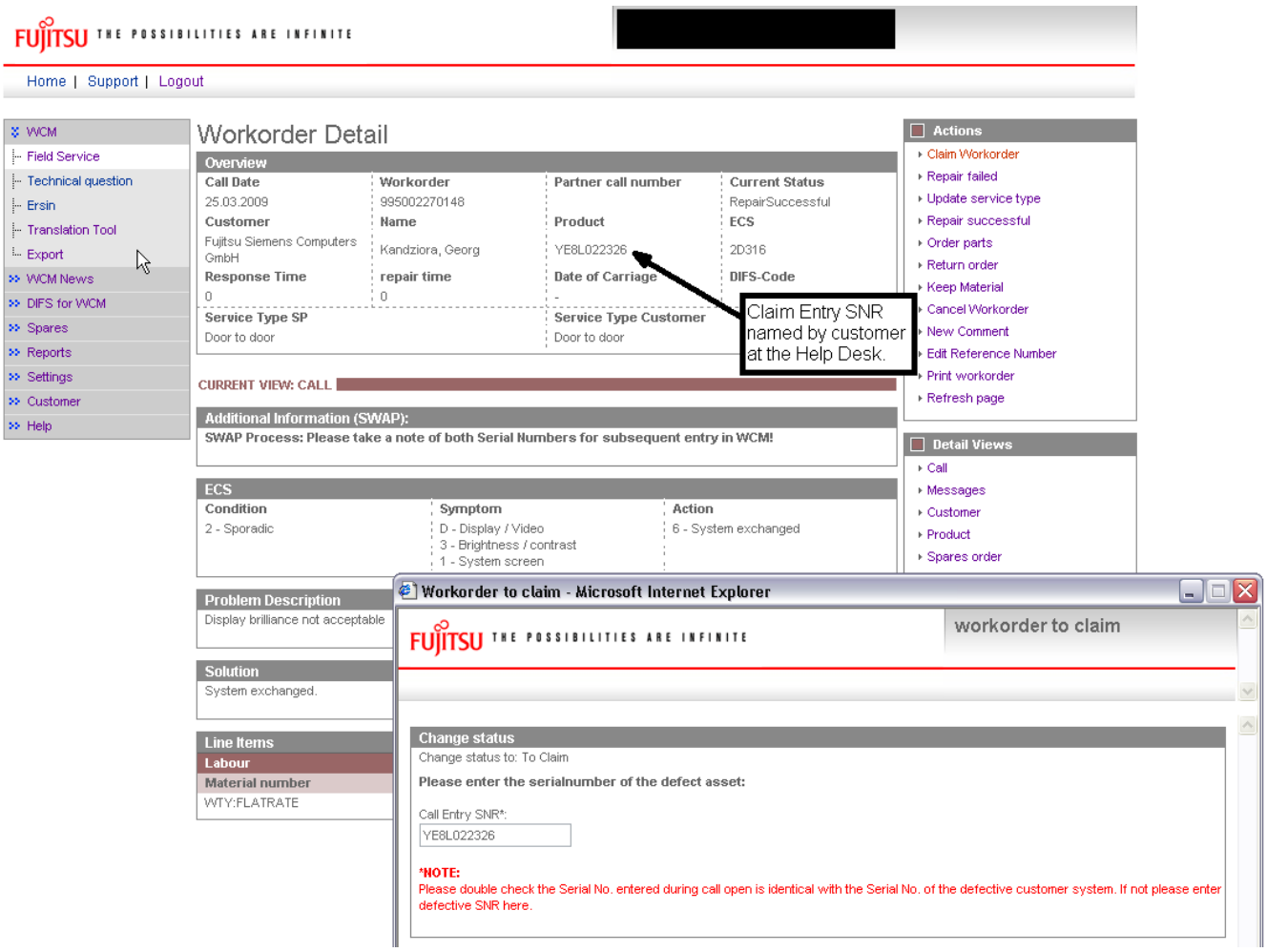


3.4.4.2 SWAP Example 2 - SNR of defect unit was captured incorrectly

For the process it is very important, the defect serial number is recorded correctly.

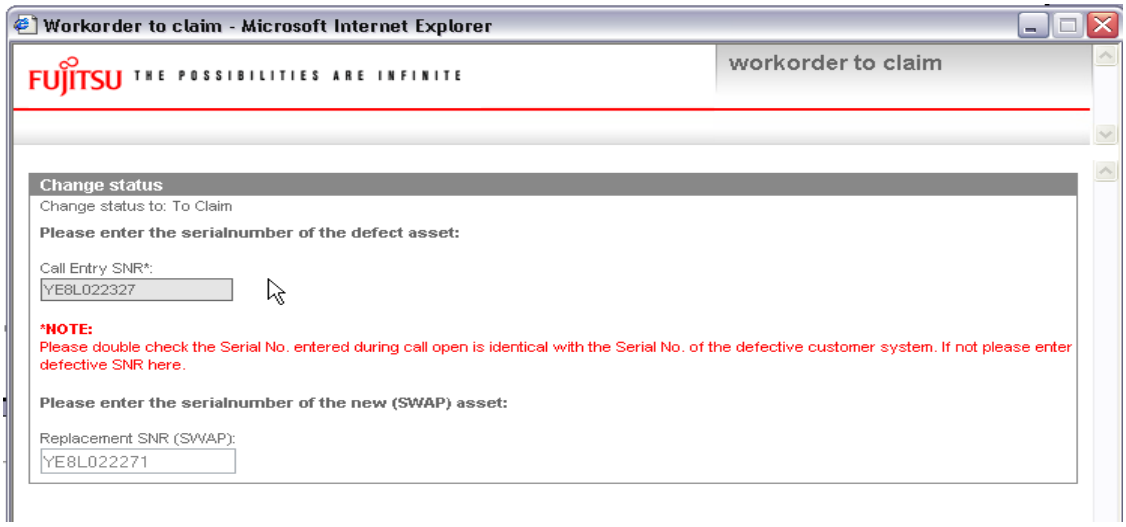
Claiming the Work Order, first of all the Serial Number of the defective System is to be confirmed. In case the Serial Number the Help Desk recorded from the customer call differs from the actual defect unit, it needs to be corrected now. WCM permits to correct the SNR in the ToClaim action entry. The overwritten Claim Entry SNR is stored in a text field in order to trace the sequence of events in this Work Order.

Example: SNR1 YE8L022326 claimed by customer, SNR2 YE8L022271 shipped as replacement system from Swap Stock, SNR3 YE8L022327 actually sent into repair:



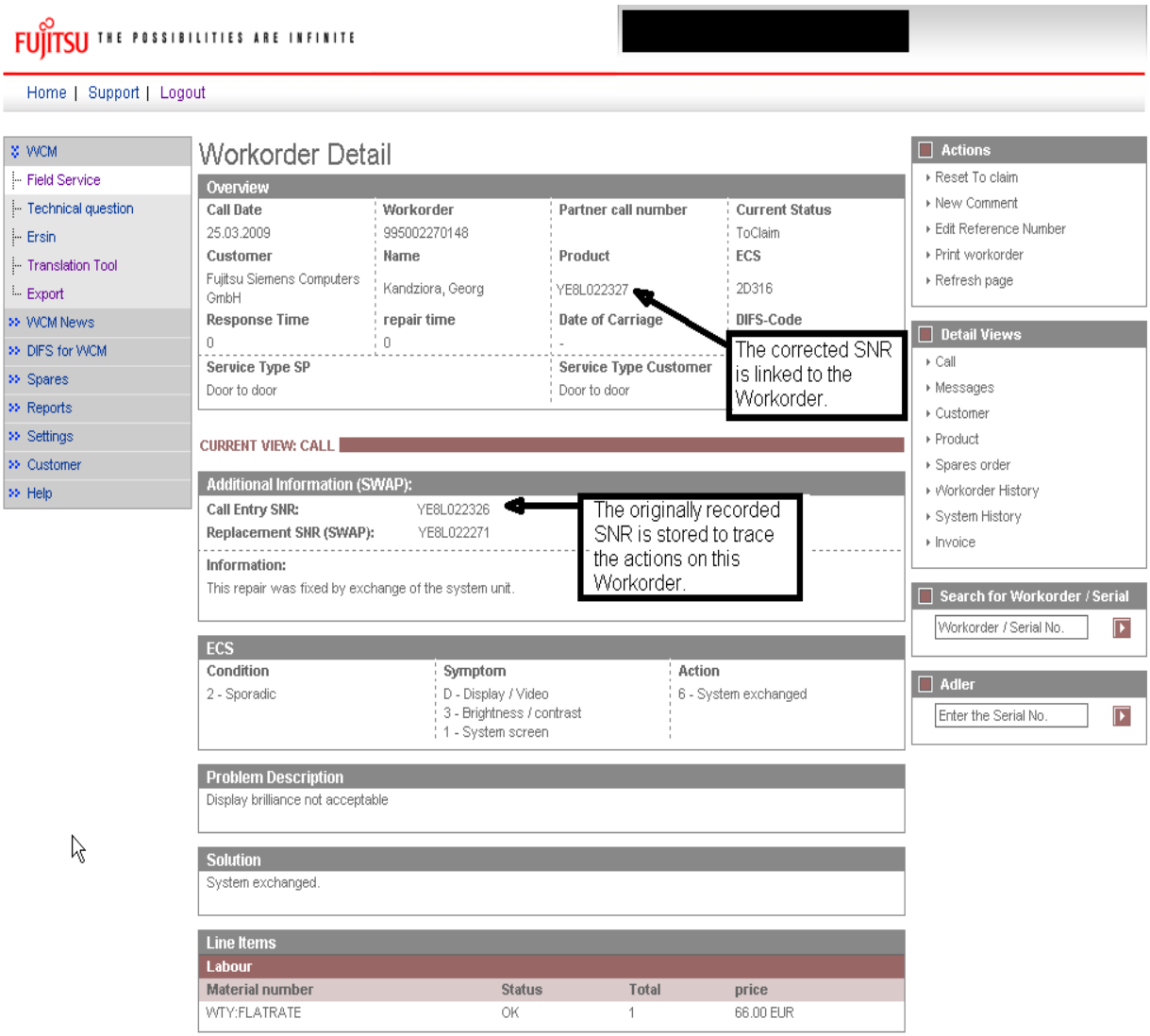
As the Serial Number the Help Desk recorded from the customer call differs from the actual defect unit the Service Partner corrects the entry.

The corrected Entry SNR and the Replacement SNR are recorded.


Workorder to claim - Microsoft Internet Explorer
FUJITSU THE POSSIBILITIES ARE INFINITE
workorder to claim
Change status
Change status to: To Claim
Please enter the serialnumber of the defect asset:
Call Entry SNR*:
YE8L022327
*NOTE:
Please double check the Serial No. entered during call open is identical with the Serial No. of the defective customer system. If not please enter defective SNR here.
Please enter the serialnumber of the new (SWAP) asset:
Replacement SNR (SWAP):
YE8L022271

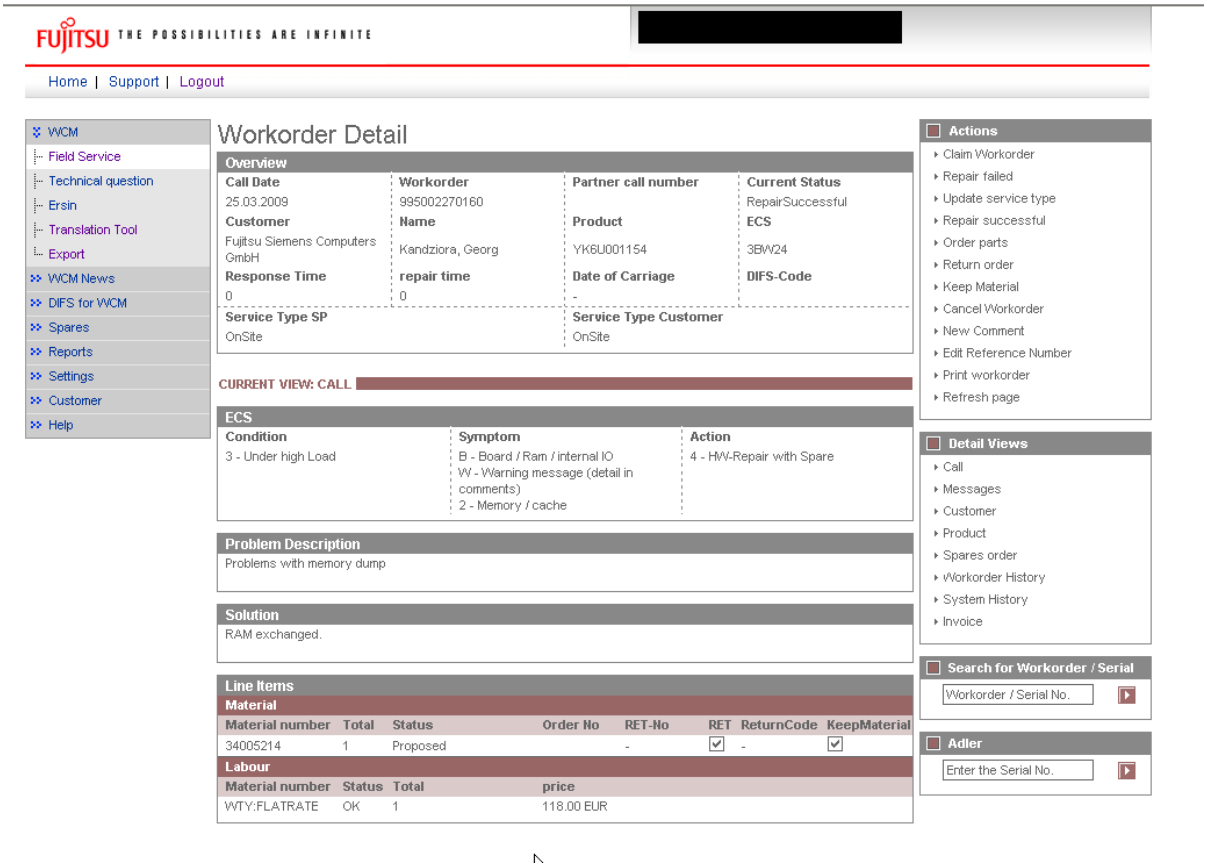
After the correct data entry in WCM the Work Order is processed with the actual defect system SNR.

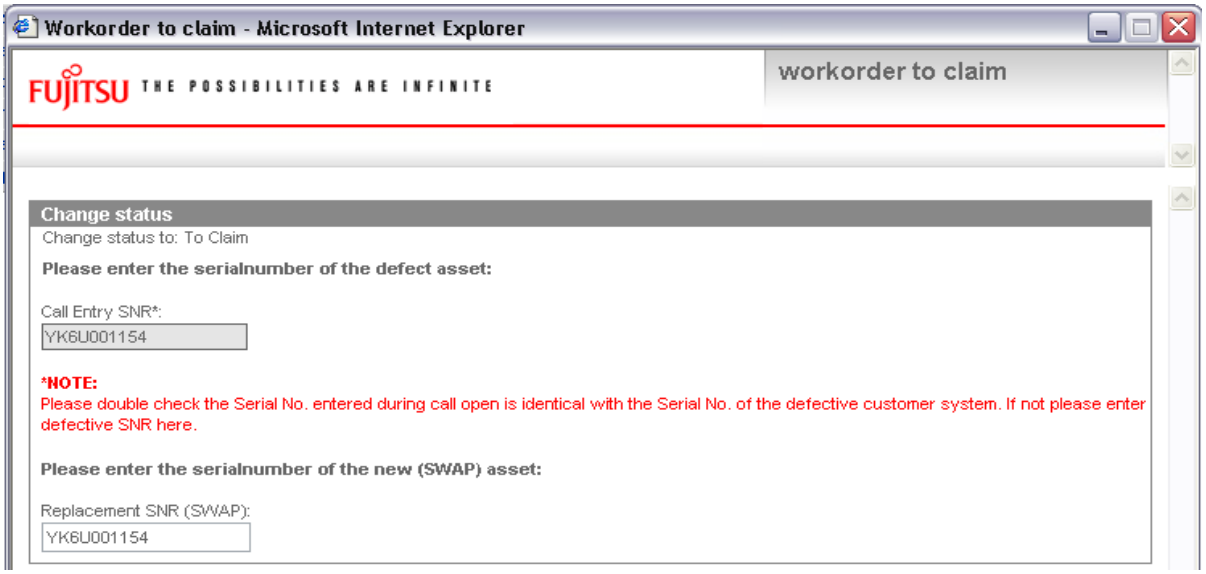
WCM WEB:



3.4.4.3 SWAP Example 3 - Blade unit was repaired not swapped

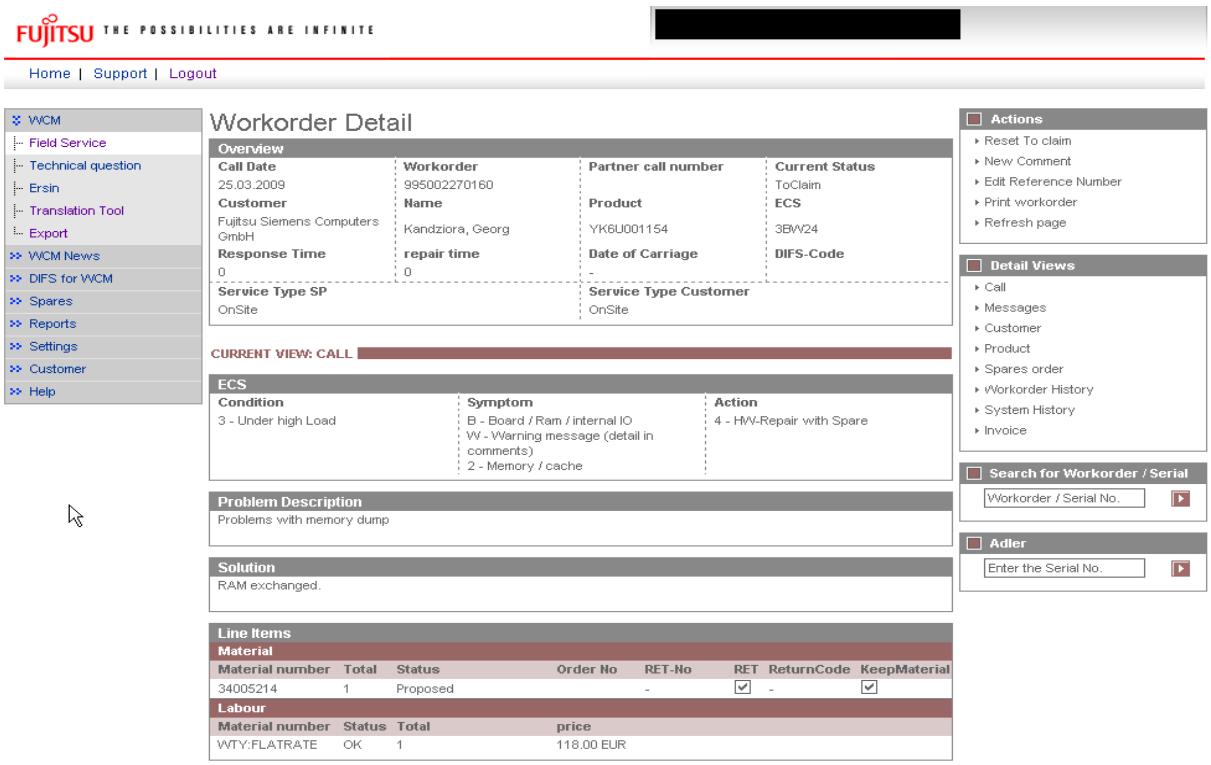
The Blade failure might be fixed by replacing a modular component e.g. the RAM. The unit is not replaced and the Claim Entry SNR does not change. The Service Partner signifies this by simply entering the Entry SNR for the replacement SNR once again.




Workorder to claim - Microsoft Internet Explorer
FUJITSU THE POSSIBILITIES ARE INFINITE
workorder to claim
Change status
Change status to: To Claim
Please enter the serialnumber of the defect asset:
Call Entry SNR*:
YK6U001154
*NOTE:
Please double check the Serial No. entered during call open is identical with the Serial No. of the defective customer system. If not please enter defective SNR here.
Please enter the serialnumber of the new (SWAP) asset:
Replacement SNR (SWAP):
YK6U001154

The claim will move into Status ToClaim.

In the status ToClaim the additional information with the swap remark disappears.



3.4.4.4 SWAP Example 4 - Monitor was repaired not swapped

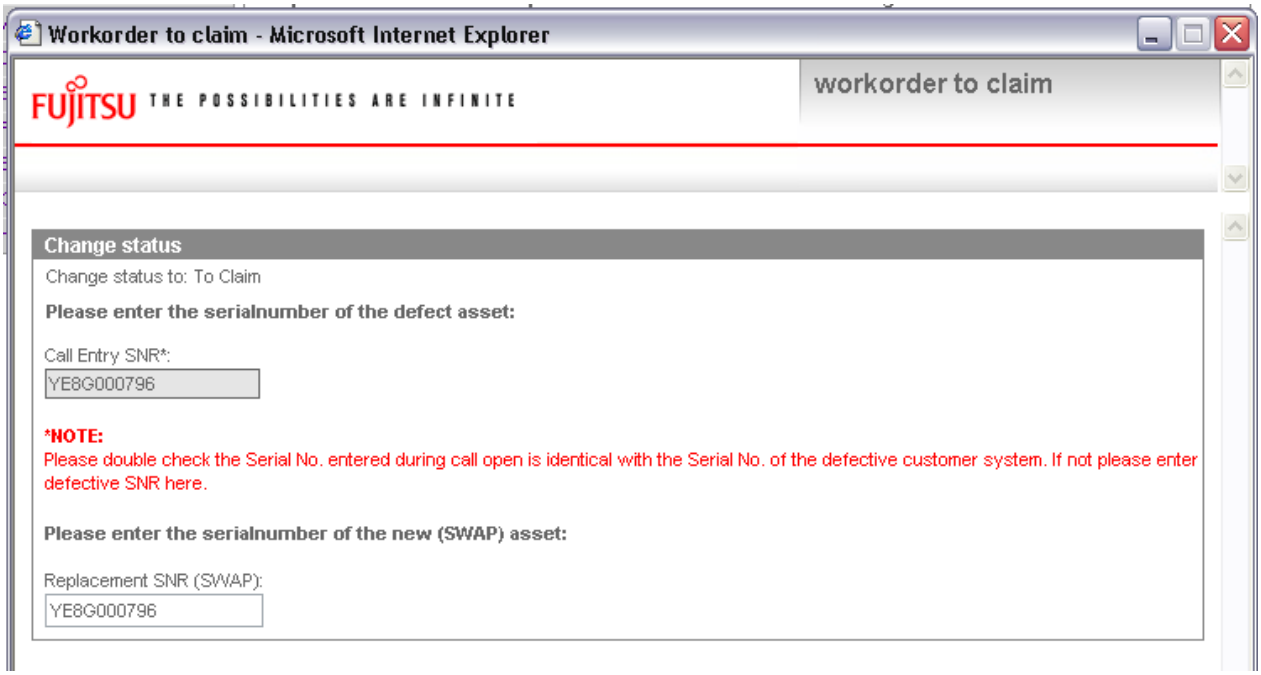
Occasionally the customer wants to avoid an exchange of his defective monitor. Being aware, he gives up some service level, he asks for repair of his defective unit. According to this request, the Help Desk opens the claim with service type Collect & Return. In this case no swap process is in place. The same unit is returned to the customer.

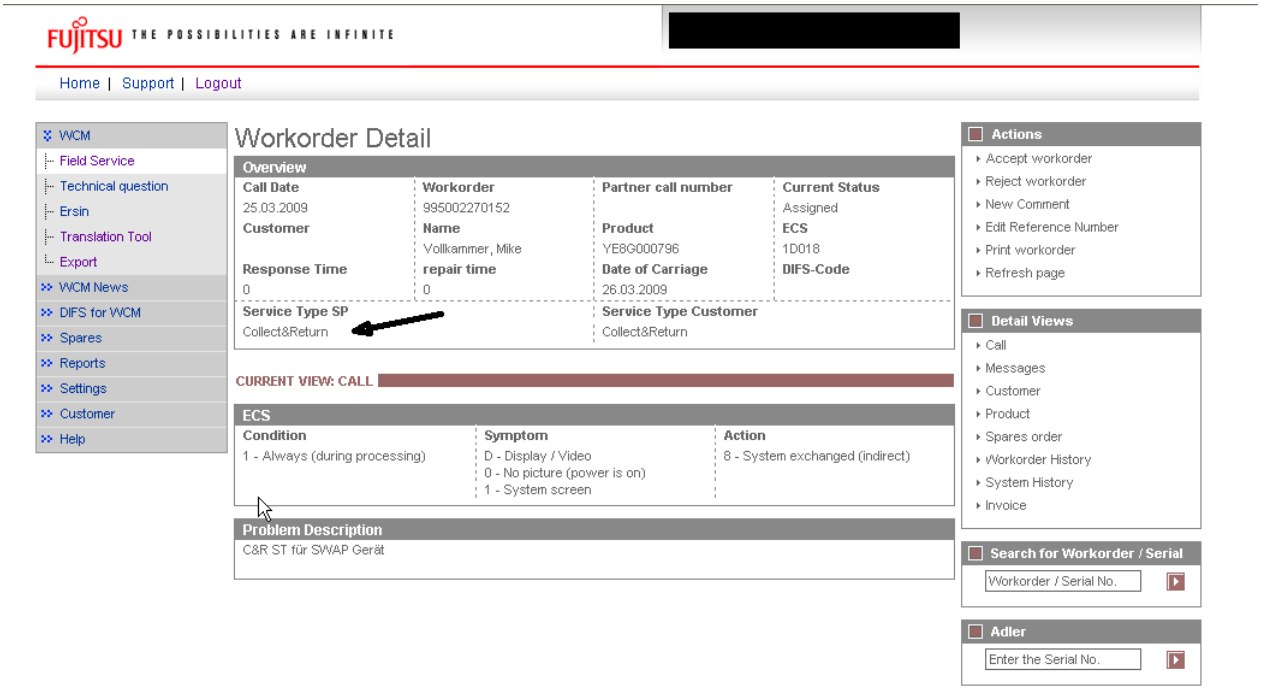
However as the principle service concept for the system is swap, the Work Order carries the swap flag and additional information is displayed to remember both Serial Numbers in the further process.

However the unit is not replaced and the Claim Entry SNR does not change. The Service Partner signifies this by simply entering the Entry SNR into the field replacement SNR once again. WCM will permit the repetition of the same SNR only for warranty claims with Service Type Collect & Return.

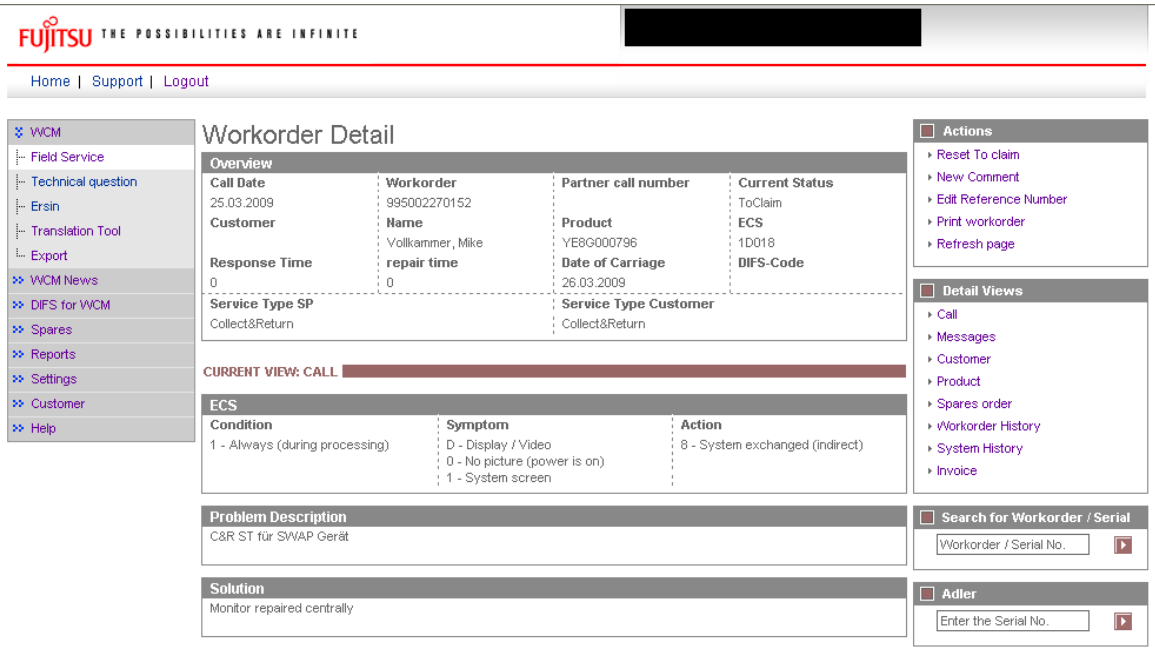
The Work Order is assigned by the Helpdesk with Service Type Collect & Return:

When the Work Order is claimed and the replacement serial number is to be entered, for Collect & Return Service the same Call Entry SNR is accepted.


Workorder to claim - Microsoft Internet Explorer
FUJITSU THE POSSIBILITIES ARE INFINITE
workorder to claim
Change status
Change status to: To Claim
Please enter the serialnumber of the defect asset:
Call Entry SNR*:
YE8G000796
*NOTE:
Please double check the Serial No. entered during call open is identical with the Serial No. of the defective customer system. If not please enter defective SNR here.
Please enter the serialnumber of the new (SWAP) asset:
Replacement SNR (SWAP):
YE8G000796



Subsequently the Swap Flag will disappear from the claim. The indication of the system exchange is no longer displayed in the additional information section.



3.4.5 To Claim the Work Order

After the Call Entry SNR is confirmed and the Replacement SNR is entered in WCM the Work Order is claimed. The following exceptionally scenarios may apply:

3.4.5.1 Replacement SNR not in ADLER

If by any reason the Replacement System SNR is not recorded in ADLER, a ToClaimError appears:

“SWAP Error”
“ADLER error during Swap”

The local Service Partner Management shall be informed to update the delivery data in ADLER. The Work Order can be claimed again after the ADLER data is complemented.

3.4.5.2 Warranty of Replacement SNR is not Zero

If the Replacement Serial Number is recognized by ADLER but the assigned Warranty Code is not equal to “FSP:Warranty”, the Local Claim Approver in the Service Partner Management needs to update ADLER manually. Before the update the LCA will double check with the Repair Centre or Service Partner if the SNR which was recorded is correct and update the ADLER data accordingly.
The payment of the claim does not depend on the ADLER update decision but will be delayed until the ADLER decision is made.

3.4.5.3 Assets are incompatible

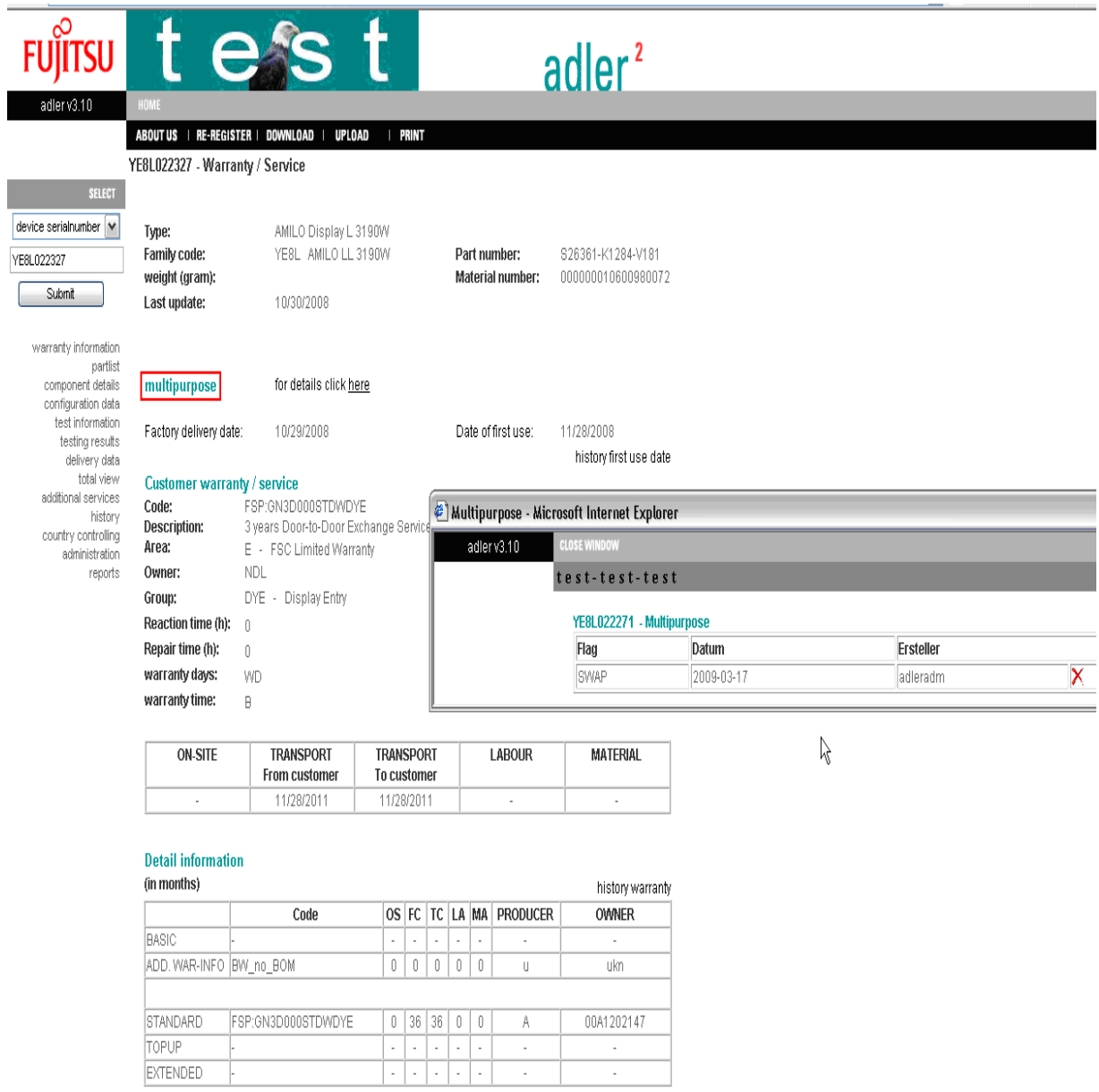
If the Replacement Serial Number apparently does not fit to replace the defective system, e.g. Notebook for Monitor, a ToClaimError appears:

“SWAP Error”
“Assets are incompatible for Swap”

3.4.6 SWAP Data in ADLER

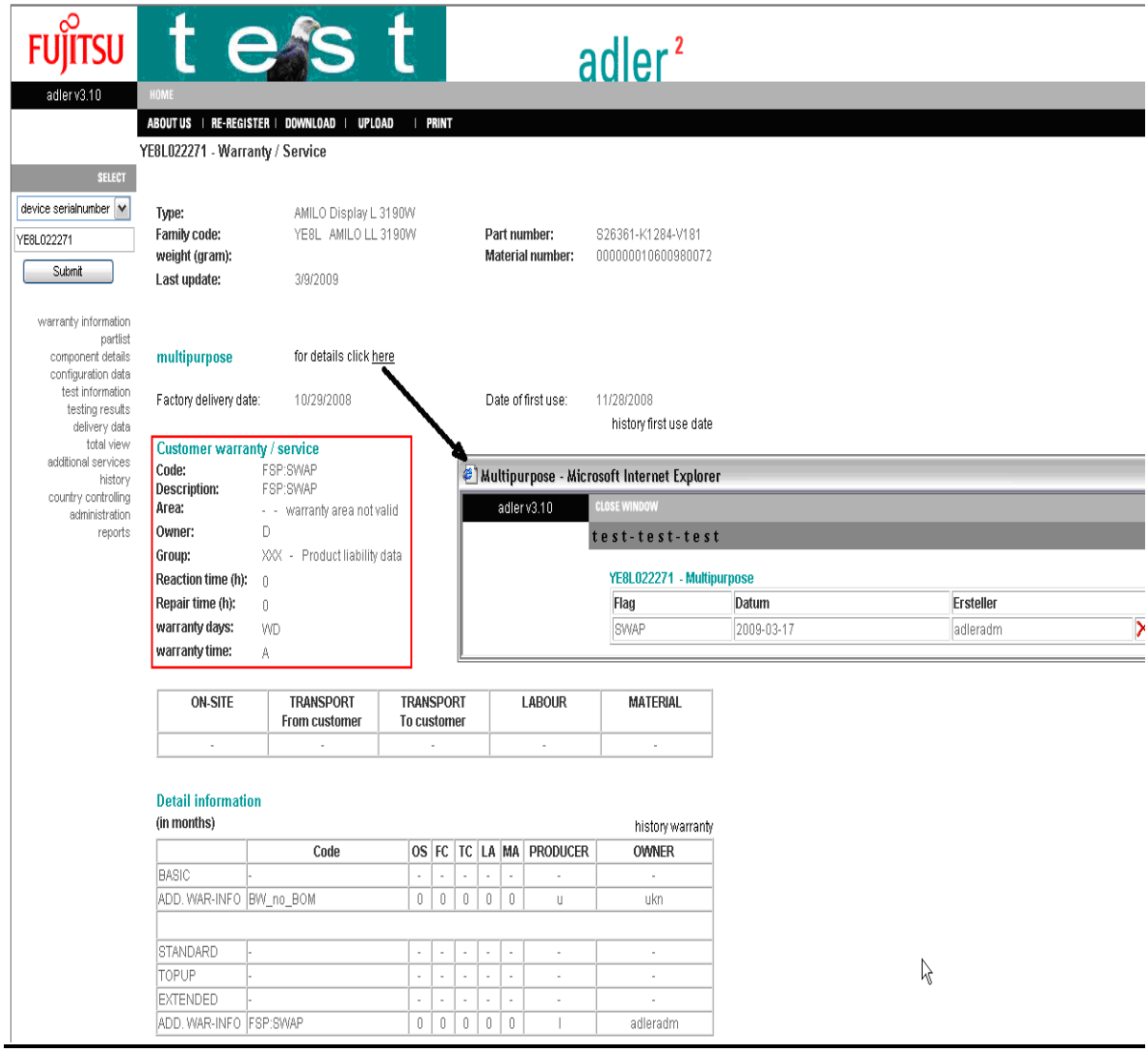
3.4.6.1 SWAP Flag

In ADLER a so called multipurpose flag is implemented. Systems which are suitable for exchange are marked with the Parameter “SWAP”. This flag is transmitted to WCM and SA during the call open process.



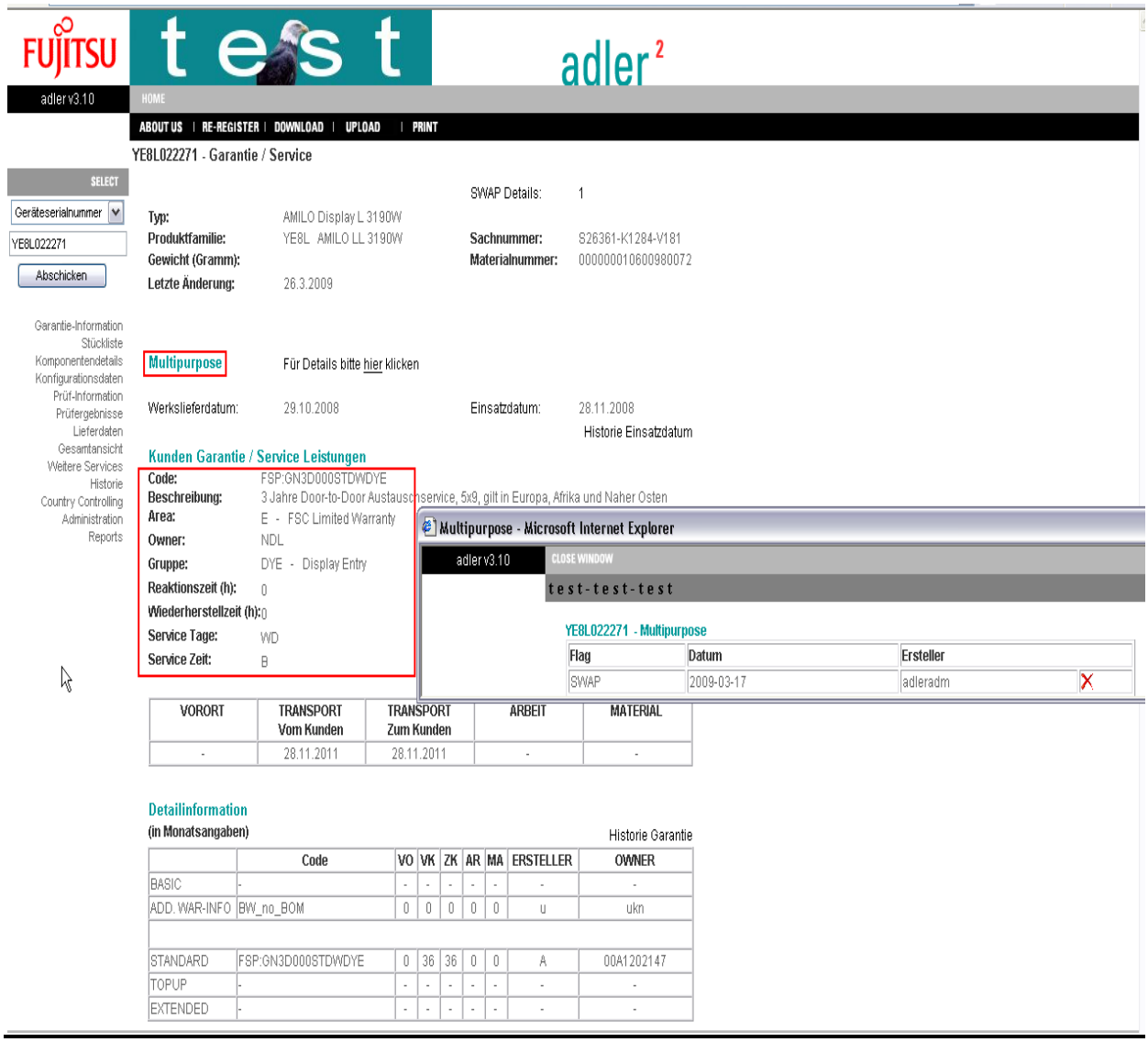
3.4.6.2 SWAP Pool inventory

Units in the spare part stock, repaired or new material ready for exchange are recorded in ADLER with Zero Warranty. These assets also carry the SWAP Flag.

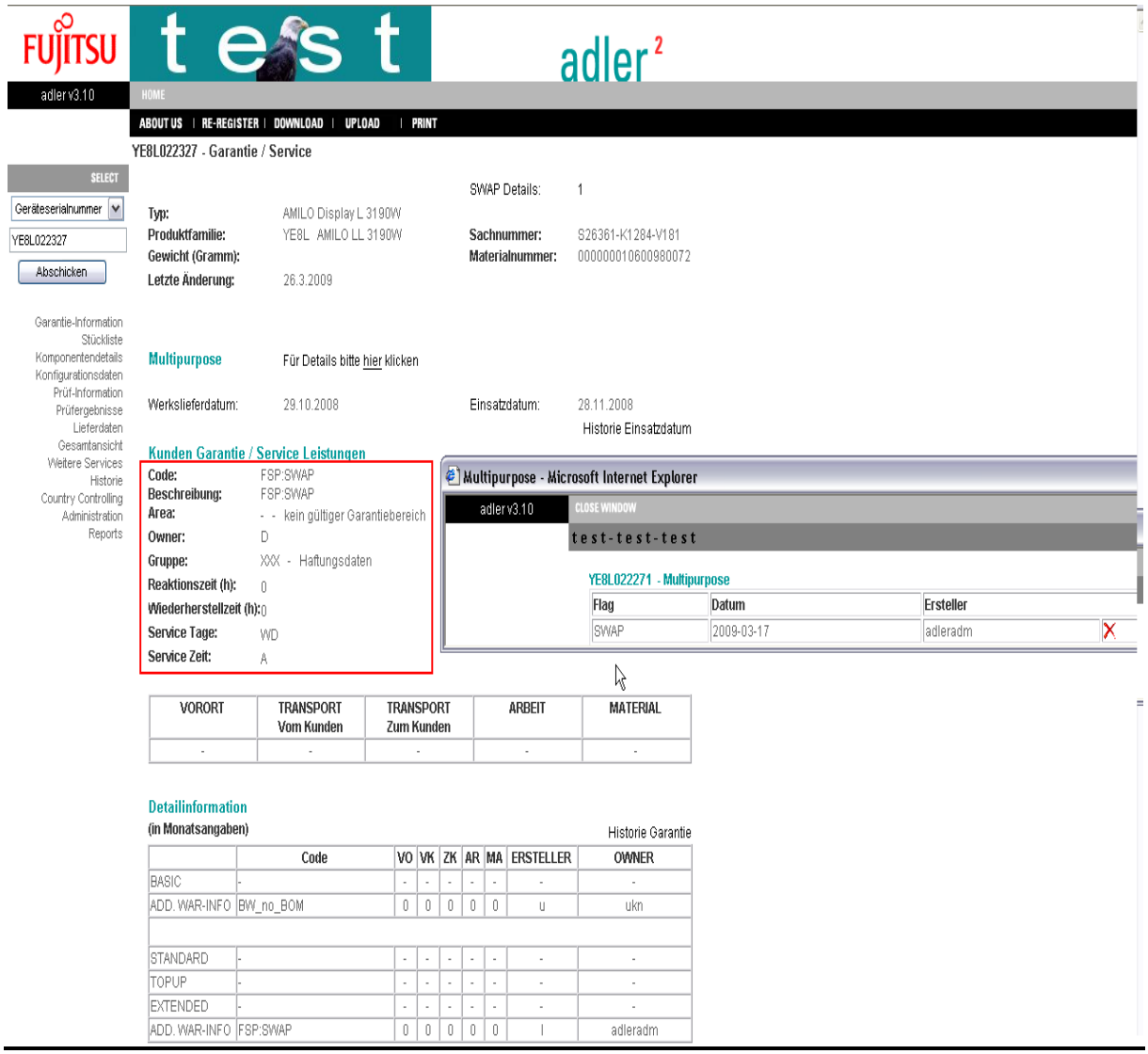


3.4.6.3 Warranty data after Swap

After the Work Order is claimed and WCM transmitted the swap information to ADLER, the warranty data in the asset are exchanged. The replacement system takes over the warranty from the defect system and the defect system receives the zero warranty from Warranty Code FSP: SWAP.

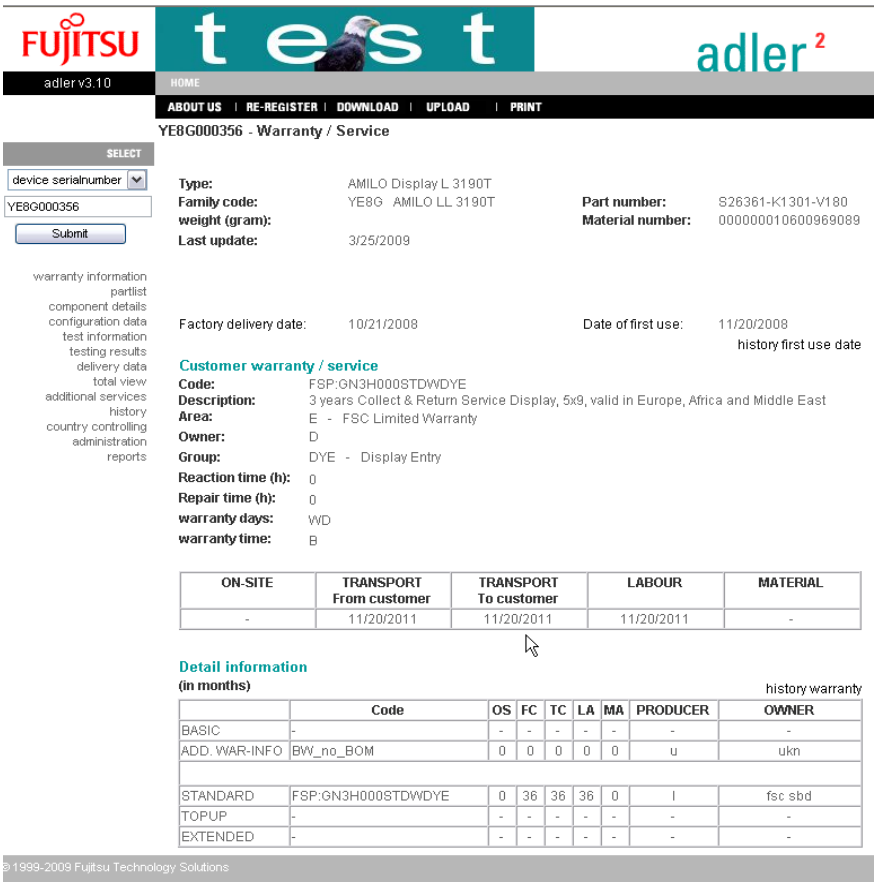


3.4.6.4 Defect System after Swap

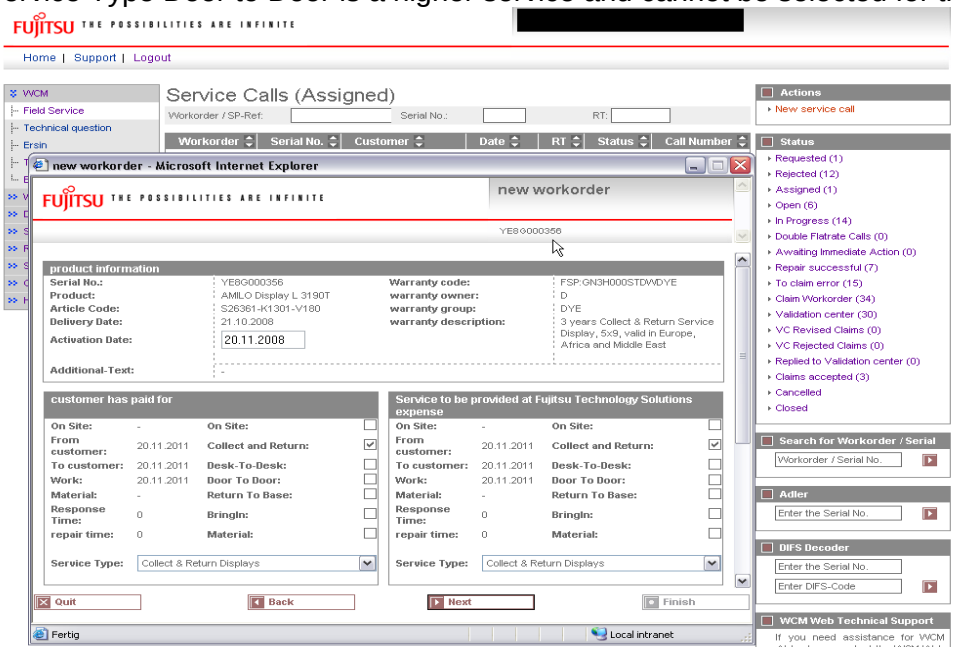


3.4.7 Monitor Service Concept – Collect & Return Display

April 1st 2009 a new Monitor repair concept was introduced: Collect & Return Display. Monitor this Service applies to are not exchanged but the repaired system is returned to the customer. The swap process is not in place.
The ADLER values distinguish from Door to Door and normal Collect & Return. The warranty values are FromCustomer/ToCustomer/Labour. The asset has no swap flag. See example from ADLER below:


FUJITSU
test
adler 2
adler v3.10
HOME
ABOUT US | RE-REGISTER | DOWNLOAD | UPLOAD | PRINT
YE8G000356 - Warranty / Service
SELECT
device serialnumber
YE8G000356
Submit
warranty information
partlist
component details
configuration data
test information
testing results
delivery data
total view
additional services
history
country controlling
administration
reports
Type: AMILO Display L 3190T
Family code: YE8G AMILO LL 3190T
weight (gram):
Last update: 3/25/2009
Part number: S26361-K1301-V180
Material number: 000000010600969089
Factory delivery date: 10/21/2008
Date of first use: 11/20/2008
history first use date
Customer warranty / service
Code: FSP:GN3H000STDWDYE
Description: 3 years Collect & Return Service Display, 5x9, valid in Europe, Africa and Middle East
Area: E - FSC Limited Warranty
Owner: D
Group: DYE - Display Entry
Reaction time (h): 0
Repair time (h): 0
warranty days: WD
warranty time: B
ON-SITE | TRANSPORT From customer | TRANSPORT To customer | LABOUR | MATERIAL
- | 11/20/2011 | 11/20/2011 | 11/20/2011 | -
Detail information
(in months)
history warranty
Code | OS | FC | TC | LA | MA | PRODUCER | OWNER
BASIC | - | - | - | - | - | - | -
ADD. WAR-INFO | BW_no_BOM | 0 | 0 | 0 | 0 | 0 | u | ukn
STANDARD | FSP:GN3H000STDWDYE | 0 | 36 | 36 | 36 | 0 | I | fsc sbd
TOPUP | - | - | - | - | - | - | - | -
EXTENDED | - | - | - | - | - | - | - | -
©1999-2009 Fujitsu Technology Solutions

Service Type Door to Door is a higher service and cannot be selected for those Displays.



3.5 Service Desk Approval process

3.5.1 Work Flow in WCM

When a SP creates a Work Order the Service Desk Approval Process is induced if at least one of 4 business events applies:

1. The SP is restricted on Help Desk / Service Desk Work Orders
2. A repeated repair within a defined threshold is requested (X-day rule)
3. The 3rd repair within 30 days appears
4. The repair cost of an asset exceeds a defined maximum threshold

In general the sequence of actions is:

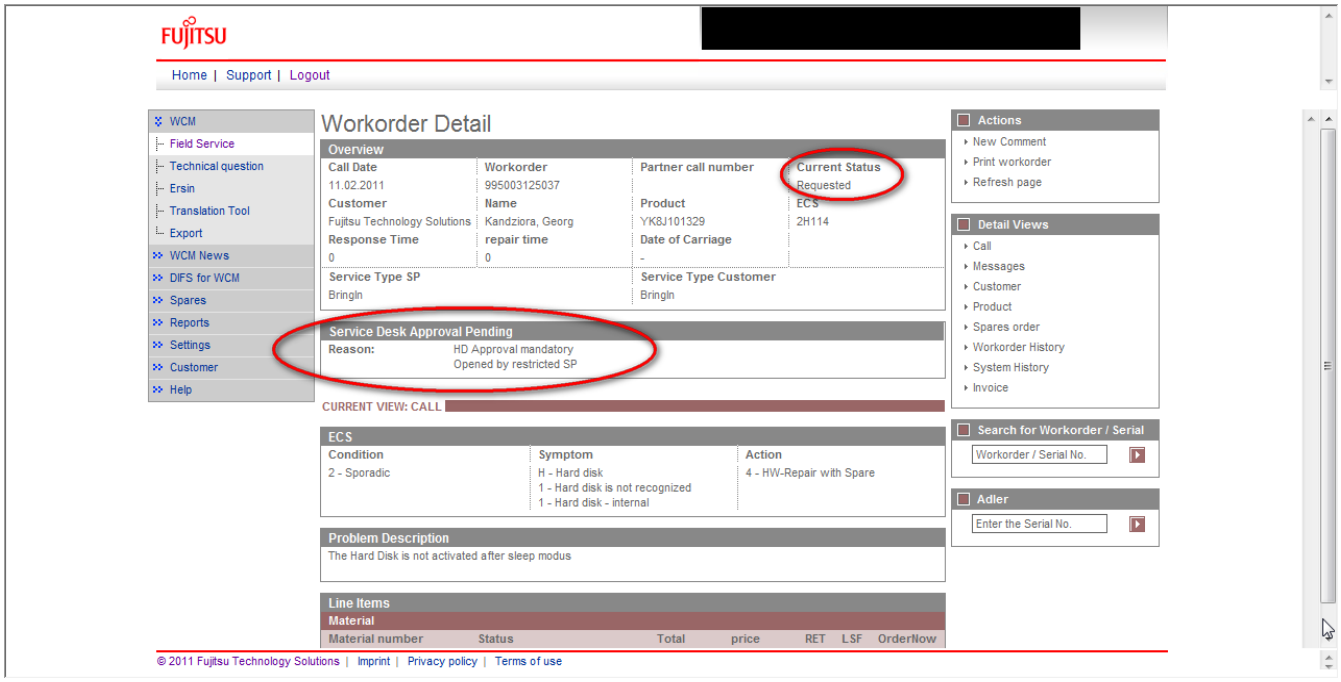
1. The Service Partner opens a Work Order Request and one of the 4 business events mentioned above applies upon which the claim request is forwarded to the Service Desk. WCM WEB displays this.
2. The Service Desk makes a decision. The WO can be rejected or approved. In WCM the status changes accordingly.
3. The Service Partner acknowledges changes and if necessary accepts the WO assignment again.
4. The Work Order is opened.

The particular work flow steps are explained in this chapter.

3.5.2 Claim Request by Service Partner

3.5.2.1 Event 1 - SP is restricted to Service Desk Work Orders

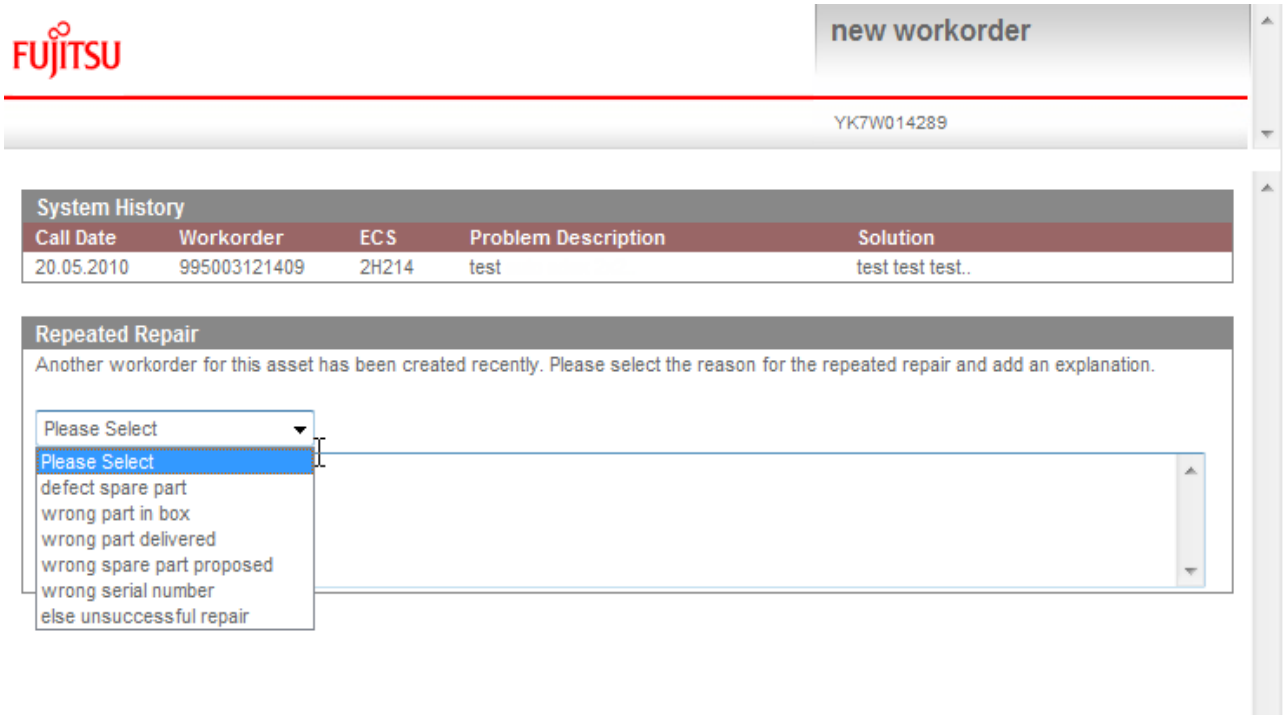
In countries where Service Partners are not authorized to open self assigned claims they now can open warranty claim requests in WCM WEB instead of calling the Help Desk or sending e-mails. The claims are pending in status “Requested” until the Help Desk decided if the Work Order will be moved into Status “Open” or “Rejected”.
The Service Partner is informed that the Service Desk is involved and the approval is pending.



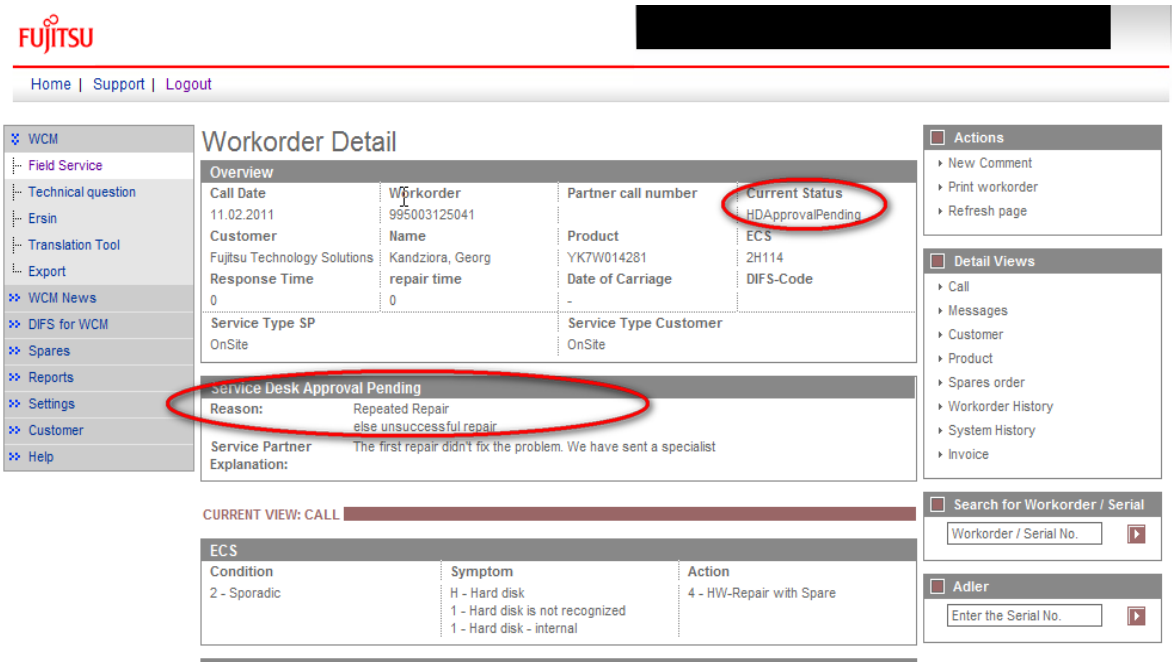
3.5.2.2 Event 2 - Repeated Repair (x-day rule)

This process applies if the repaired system failed again after the Work Order was claimed already.

If within the frozen zone (mainly 7 days) the same asset has another or the same failure, the repeated repair assistant is opened. By selecting a reason from the checklist and entering an explanation the Work Order can be requested at the Service Desk.



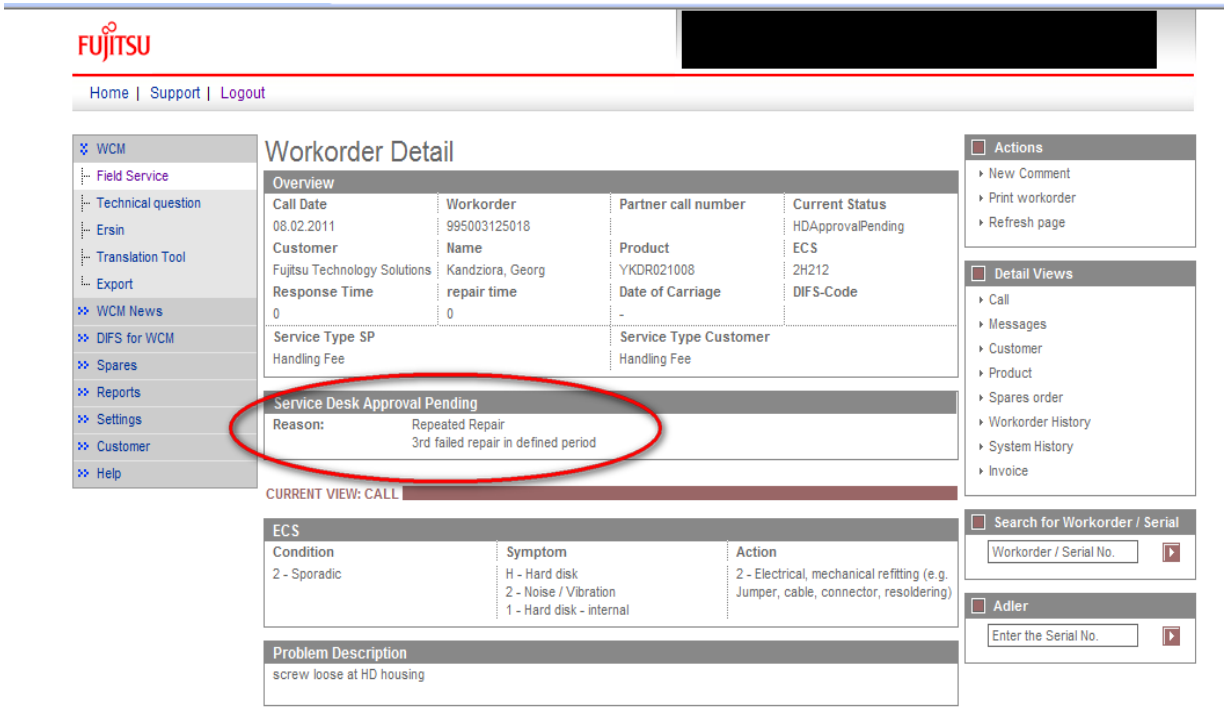
After entering an explanation and pressing “Next”, the status changes into HDApproval Pending



3.5.2.3 Event 3 – 3rd Repair within 30 days

If a Serial Number was repaired the 3rd time in between the last 30 days (but not within the frozen zone which triggers the x-day rule), the Service Desk is involved by the Service Approval Process. WCM in this case automatically sets the repeated repair reason.

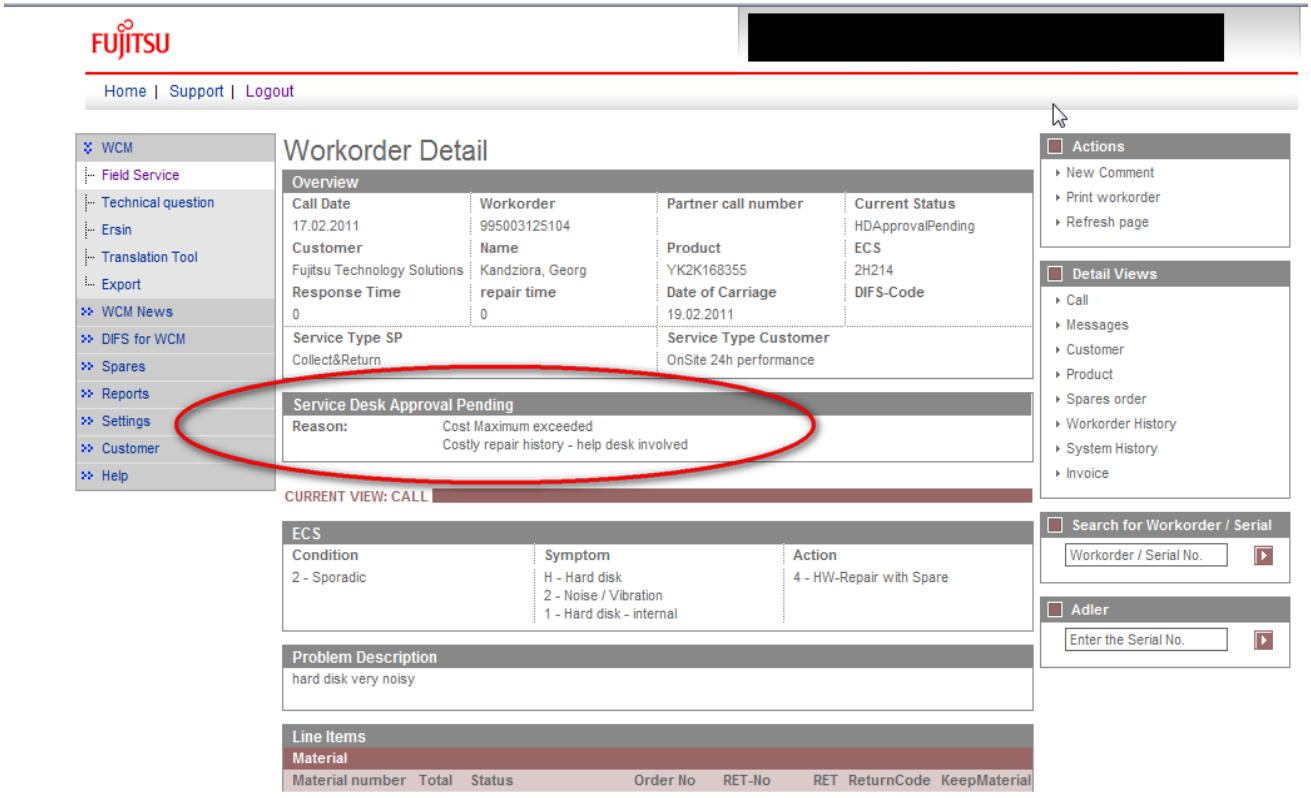
The Work Order automatically is moved into Status “HDApprovalPending”. WCM displays the reason:



3.5.2.4 Event 4- A defined Repair Cost Maximum is exceeded

Work Order Requests on assets which have been repeatedly repaired in their live cycle and the repair cost have exceeded a defined threshold of cost shall be enriched by advice from the FTS Service Desk before the next repair is started. Those events are sent in the Service Desk Approval process automatically.

WCM WEB displays the related Information Box accordingly. See screenshot below.



3.5.2.4.1 Repair Cost Threshold for Service Desk claims

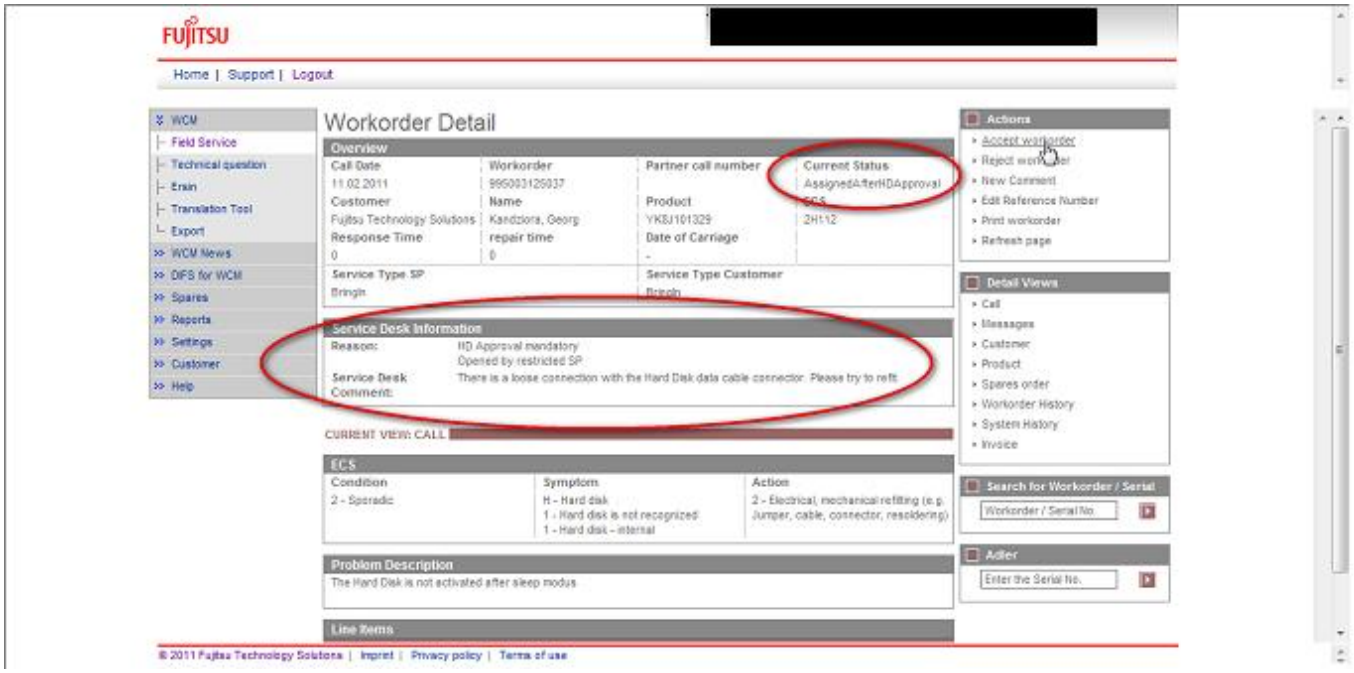
Not only calls the service partners open in WCM, as well Work Orders opened by the Service Desk in Support Assistant are enhanced by detailed information about the cost situation if a certain threshold is exceeded to create awareness for assets with costly repair history or expensive material proposals generated by the current Work Order Request. However these Work Orders are assigned to the SP in WCM WEB as usual.

3.5.3 Decision by Service Desk

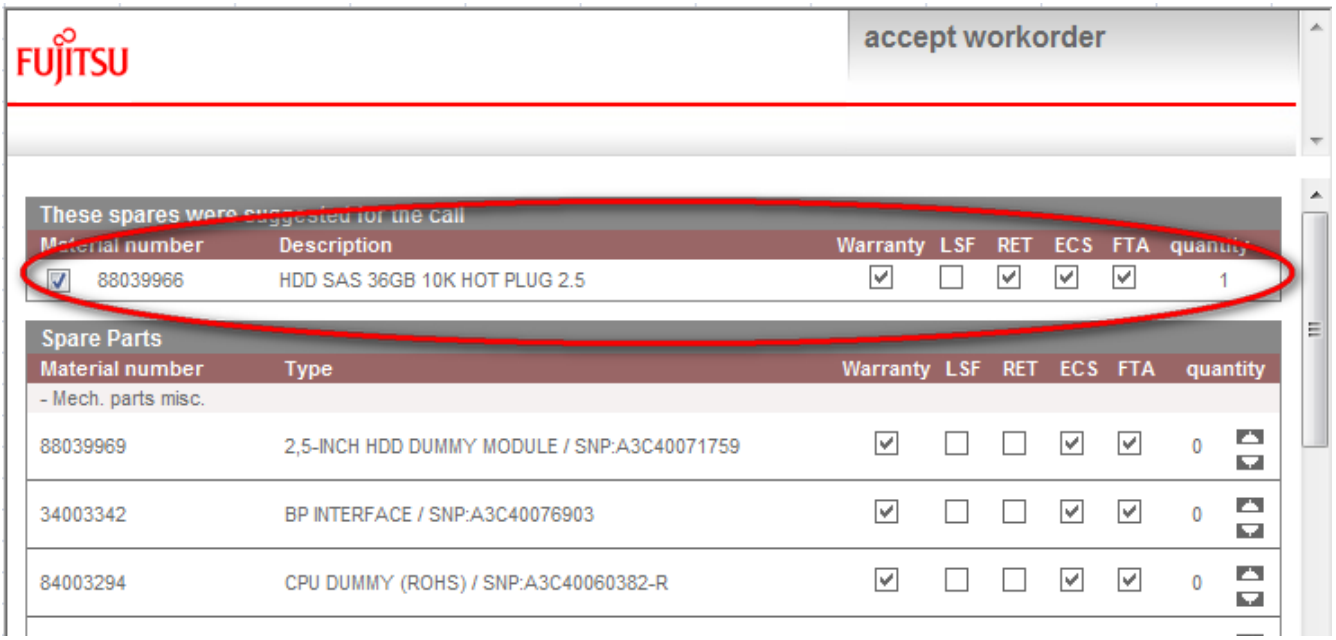
3.5.3.1 Approval by Service Desk

The WO can be rejected or approved. In WCM the status changes accordingly. If it is approved, the status changes to HDApproved. Subsequently if a Field Change Order applies, the status moves into AssignedFCO or if not, into AssignedAfterHDApproval.

Work Orders which are rejected or approved with changes are commented in the Service Desk Comment (see screenshot below). Spare part proposals and Error Codes may have changed during the approval. To proceed with the Work Order, the Service Partner has to accept the changes. This is analog to the process in place for Field Change Orders assigned by WCM.

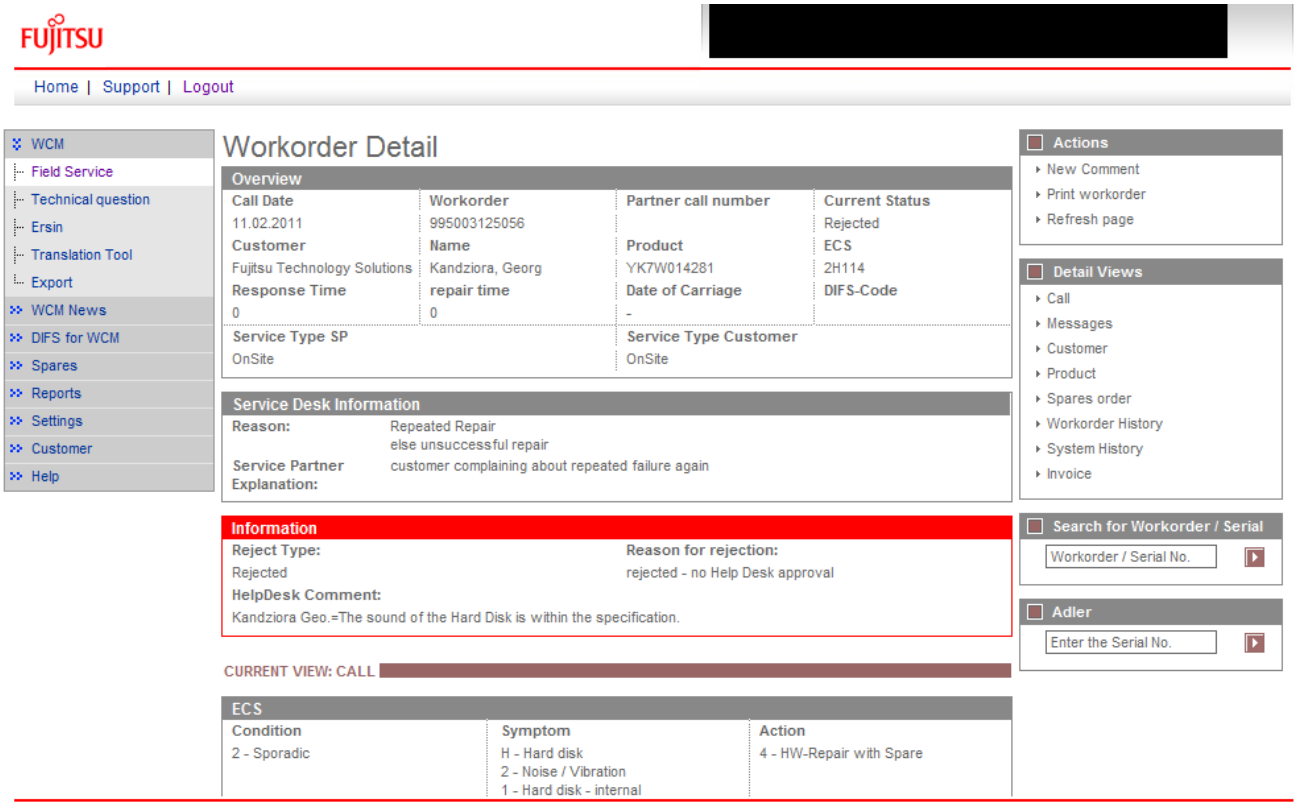


Spare part proposals confirmed or added by the Service Desk are preselected. If the Service Partner selects additional spare parts, this is transparently reported in the FTS WCM SAP system.



3.5.3.2 Rejection by Service Desk

If the Service Desk decides the Work Order request is not covered by warranty or can be solved without a Work Order, the request is rejected. The name of the Service Desk Agent in charge and the reject reason is displayed in the red highlighted information area at the screen.



3.5.4 Exceptions

The Service Desk Approval process does not apply for:
- assets with SWAP Flag. This serial numbers are excluded from repeated repair detection.
- for claims with service type out of warranty.
- for Work Orders of Global Project Accounts.

4. Call Processing

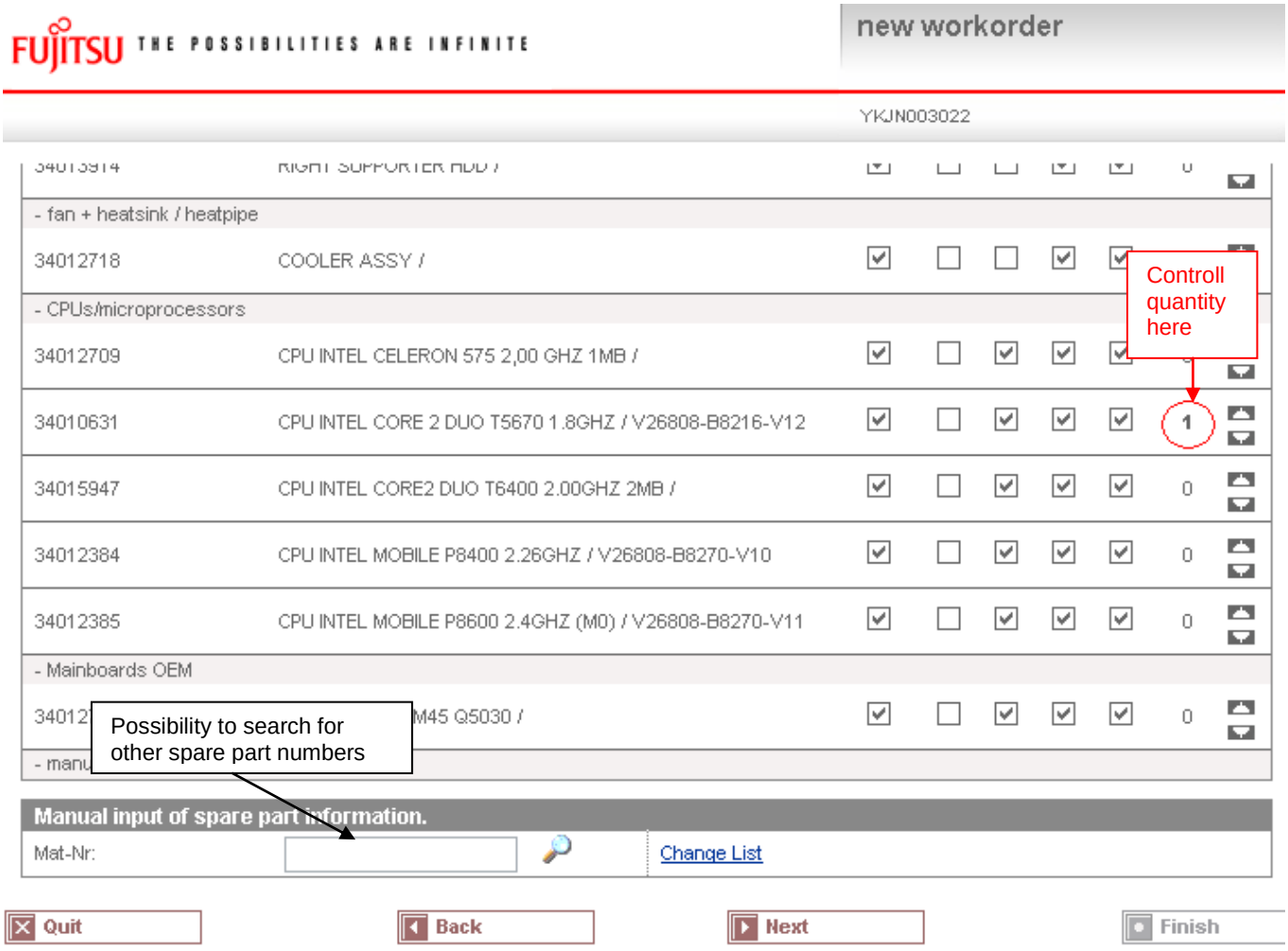
4.1 Ordering Spare Parts

4.1.1 Ordering of spare parts at FUJITSU with WCM WEB (standard)

4.1.1.1 Material selection

It is only possible to order at most 5 pieces per Call.
For an order with several parts you will receive only one order number.
If you order only one piece per Call, it automatically will be an ADEX-Order (detailed explanation see chapter 1.1.5), e.g. the order will be created and in parallel also the return order.

You can order the suggested part(s) or search for specific material nos. With a click on the button "Change List" the complete material list is displayed.
With the buttons "plus" and "minus" it is possible to define the quantity.
(Explanation of abbreviations "LSF", RET", etc.: see chapter 7.3, or rest with the mouse on them and short explanation screens will arise.)


FUJITSU THE POSSIBILITIES ARE INFINITE
new workorder
YKJN003022
- fan + heatsink / heatpipe
34012718 COOLER ASSY /
- CPUs/microprocessors
34012709 CPU INTEL CELERON 575 2,00 GHZ 1MB /
34010631 CPU INTEL CORE 2 DUO T5670 1.8GHZ / V26808-B8216-V12
34015947 CPU INTEL CORE2 DUO T6400 2.00GHZ 2MB /
34012384 CPU INTEL MOBILE P8400 2.26GHZ / V26808-B8270-V10
34012385 CPU INTEL MOBILE P8600 2.4GHZ (M0) / V26808-B8270-V11
- Mainboards OEM
M45 Q5030 /
- manu
Controll quantity here
Possibility to search for other spare part numbers
Manual input of spare part information.
Mat-Nr:
Change List
Quit
Back
Next
Finish

As long as the Work Order is not claimed additional spare part orders are possible.

Click on <Next>
In the next step you have to enter all further settings for your order:

4.1.1.2 Delivery Type selection

Delivery Comment:

Standard: Delivery will be processed according to the delivery lead times as stated in the Maintenance Logistics Manual.

Urgent: Delivery will be processed according to the delivery lead times as stated in the Maintenance Logistics Manual.

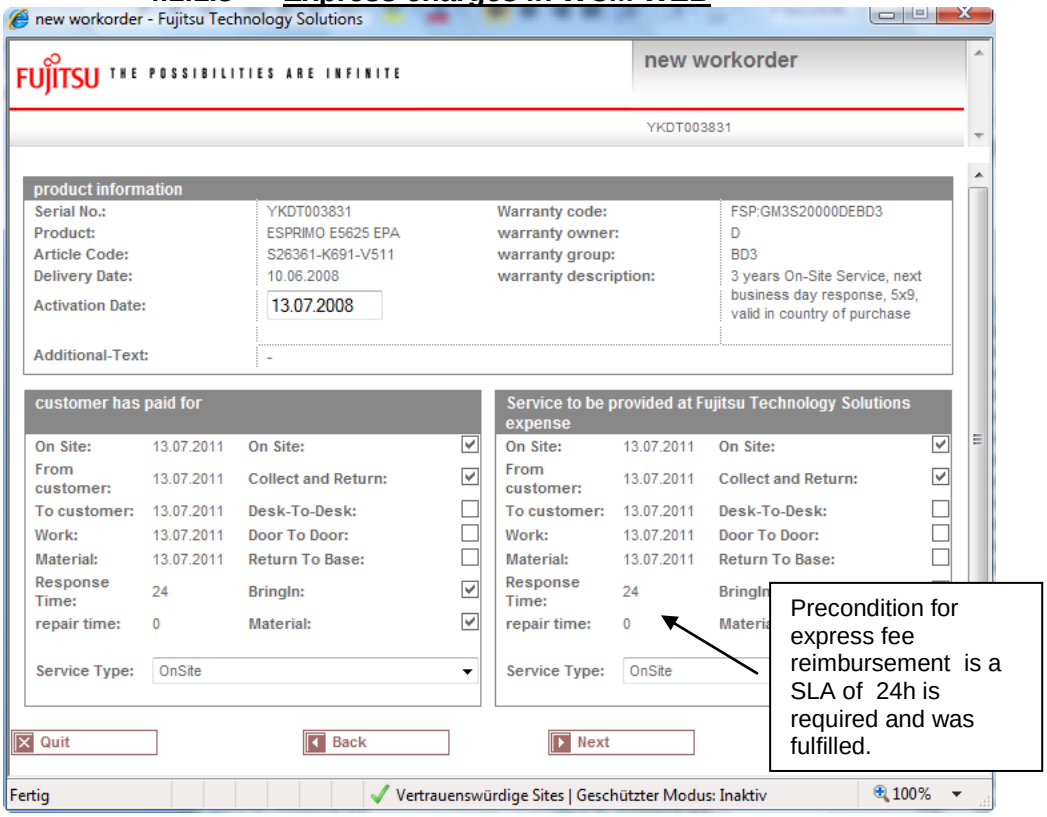
http://partners.ts.fujitsu.com/com/service/general/service-spares/manual

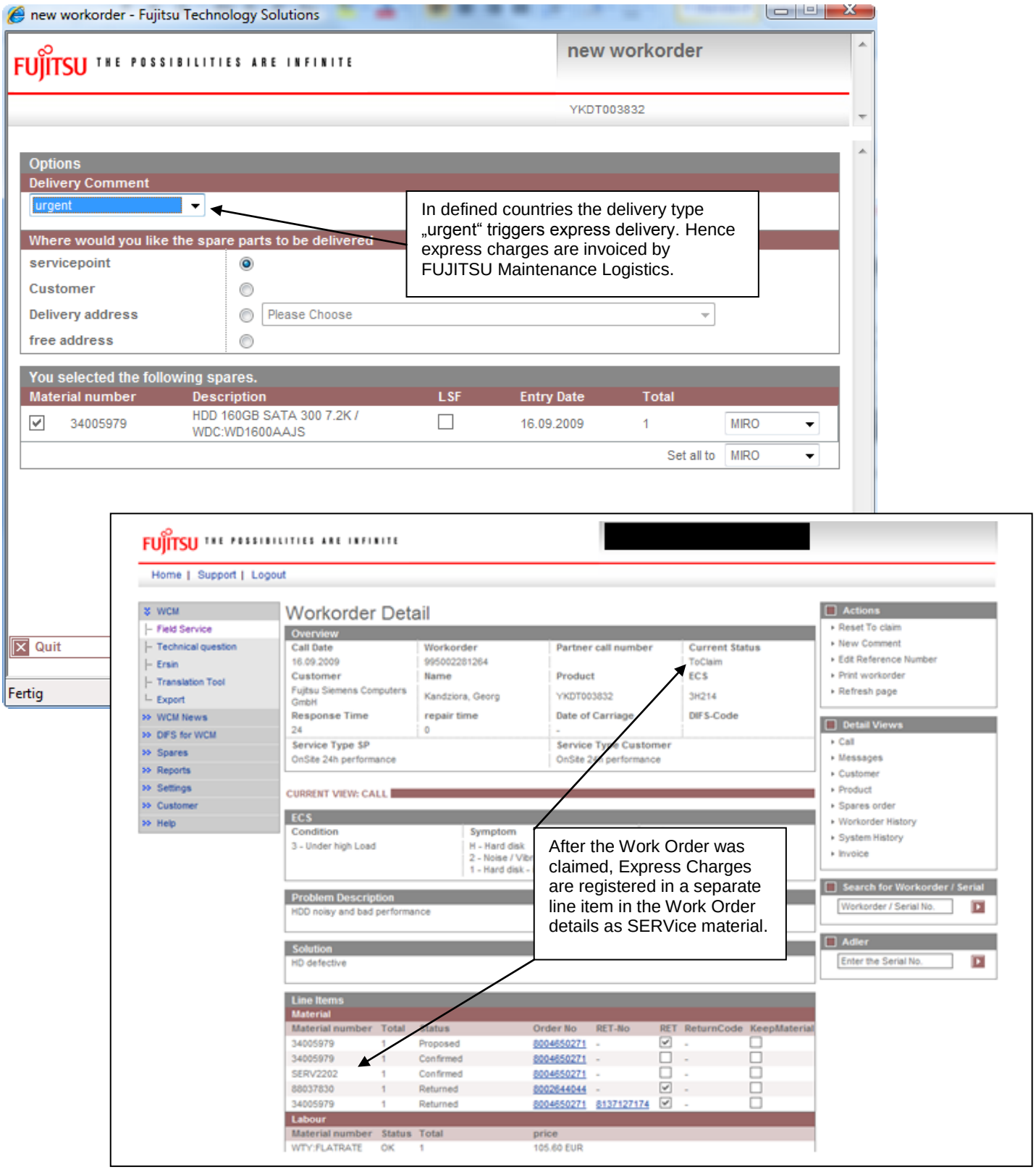
Important: The additional transport costs for urgent delivery are charged to you!
The PEC order will show this additional charge like a part number and indicates the costs.
In some countries, like Germany, the SP can currently request an express delivery, when ordering a spare part via WCM. The SP is charged for this express order fee by Maintenance Logistics.
The authorized SP in defined countries gets reimbursed the express charge during the normal WCM invoice process, if the Service Type accepted by FUJITSU is at least an OnSite 24hrs performance ST.

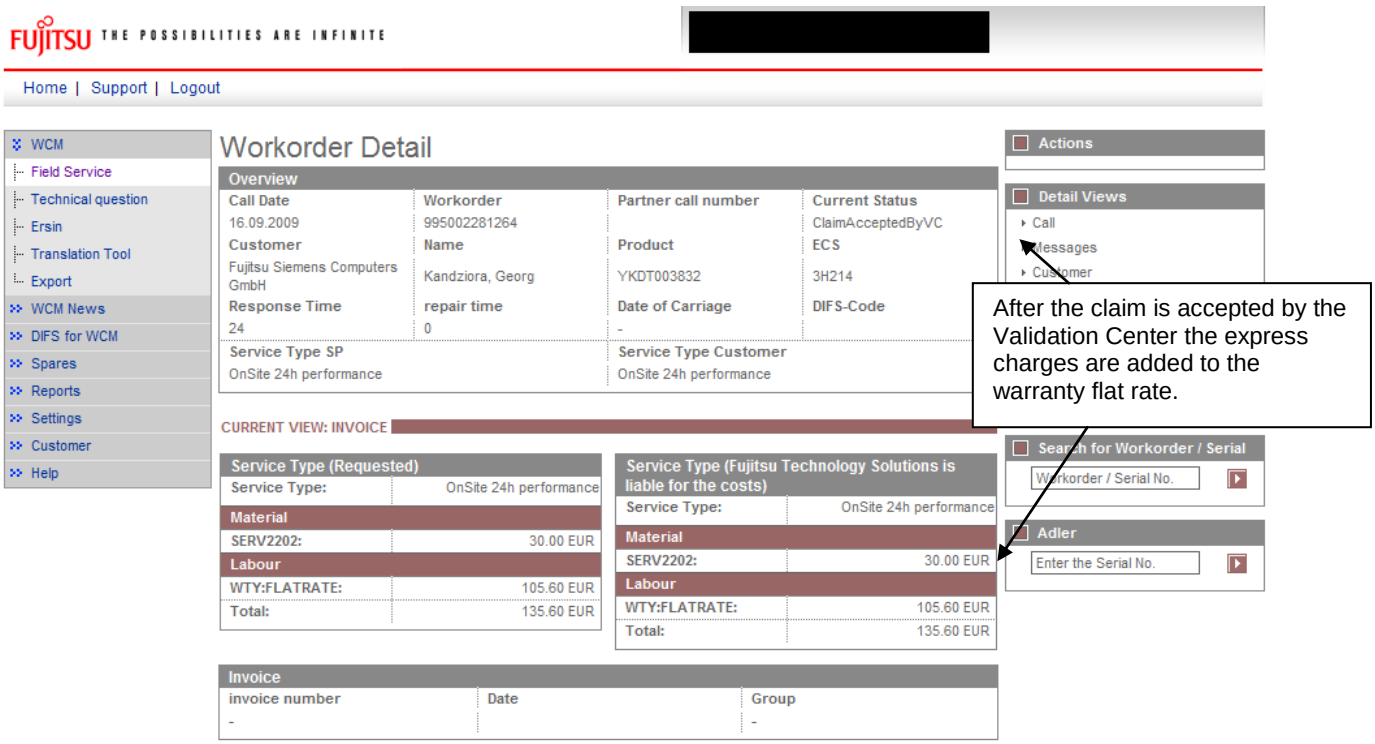
Detailed delivery terms are shown in the Maintenance Logistics Manual at
http://partners.ts.fujitsu.com/com/service/general/service-spares/manual

The reimbursement of the express fee is enabled country specific. At present only Germany is activated.

4.1.1.3 Express charges in WCM WEB


new workorder - Fujitsu Technology Solutions
FUJITSU THE POSSIBILITIES ARE INFINITE
new workorder
YKDT003831
product information
Serial No.: YKDT003831
Product: ESPRIMO E5625 EPA
Article Code: S26361-K691-V511
Delivery Date: 10.06.2008
Activation Date: 13.07.2008
Additional-Text: -
Warranty code: FSP:GM3S20000DEBD3
warranty owner: D
warranty group: BD3
warranty description: 3 years On-Site Service, next business day response, 5x9, valid in country of purchase
customer has paid for
Service to be provided at Fujitsu Technology Solutions expense
On Site: 13.07.2011 On Site:
From customer: 13.07.2011 Collect and Return:
To customer: 13.07.2011 Desk-To-Desk:
Work: 13.07.2011 Door To Door:
Material: 13.07.2011 Return To Base:
Response Time: 24 BringIn:
repair time: 0 Material:
Service Type: OnSite
Quit
Back
Next
Fertig
Vertrauenswürdige Sites | Geschützter Modus: Inaktiv
100%
Precondition for express fee reimbursement is a SLA of 24h is required and was fulfilled.

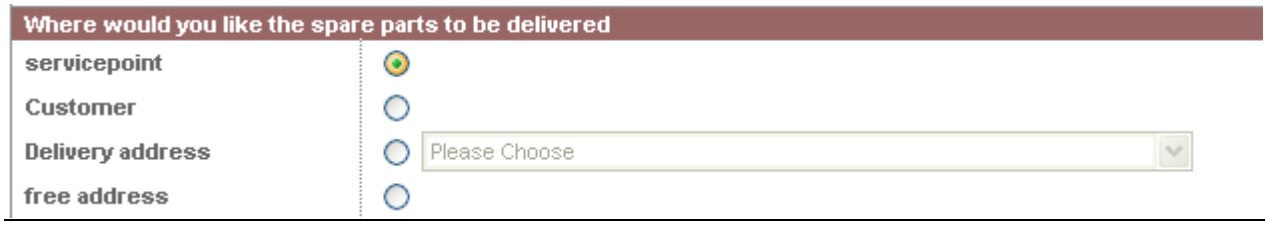

new workorder - Fujitsu Technology Solutions
FUJITSU THE POSSIBILITIES ARE INFINITE
new workorder
YKDT003832
Options
Delivery Comment
urgent
In defined countries the delivery type „urgent“ triggers express delivery. Hence express charges are invoiced by FUJITSU Maintenance Logistics.
Where would you like the spare parts to be delivered
servicepoint
Customer
Delivery address
Please Choose
free address
You selected the following spares.
Material number
Description
LSF
Entry Date
Total
34005979
HDD 160GB SATA 300 7.2K / WDC:WD1600AAJS
16.09.2009
1
MIRO
Set all to
MIRO
Quit
Fertig
Home | Support | Logout
WCM
Field Service
Technical question
Ersin
Translation Tool
Export
WCM News
DIFS for WCM
Spares
Reports
Settings
Customer
Help
Workorder Detail
Overview
Call Date
Workorder
Partner call number
Current Status
16.09.2009
995002281264
ToClaim
Customer
Name
Product
EC$
Fujitsu Siemens Computers GmbH
Kandziora, Georg
YKDT003832
3H214
Response Time
repair time
Date of Carriage
DIFS-Code
24
0
Service Type SP
OnSite 24h performance
Service Type Customer
CURRENT VIEW: CALL
ECS
Condition
Symptom
3 - Under high Load
Problem Description
HDD noisy and bad performance
Solution
HD defective
After the Work Order was claimed, Express Charges are registered in a separate line item in the Work Order details as SERVice material.
Line Items
Material
Material number
Total
Status
Order No
RET-No
RET
ReturnCode
KeepMaterial
34005979
Proposed
SERV2202
Confirmed
88037830
Returned
Labour
Material number
Status
Total
price
WTY:FLATRATE
OK
105.60 EUR
Actions
Reset To claim
New Comment
Edit Reference Number
Print workorder
Refresh page
Detail Views
Call
Messages
Customer
Product
Spares order
Workorder History
System History
Invoice
Search for Workorder / Serial
Workorder / Serial No.
Adler
Enter the Serial No.



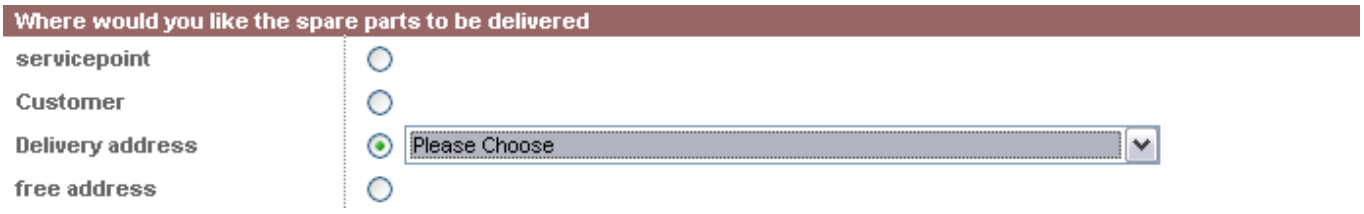
4.1.1.4 Invoice /-proposal form with Express Charge

At the detail invoice the Express Charge is listed separately.
At the summary invoice the Express Charges are included in the totals.

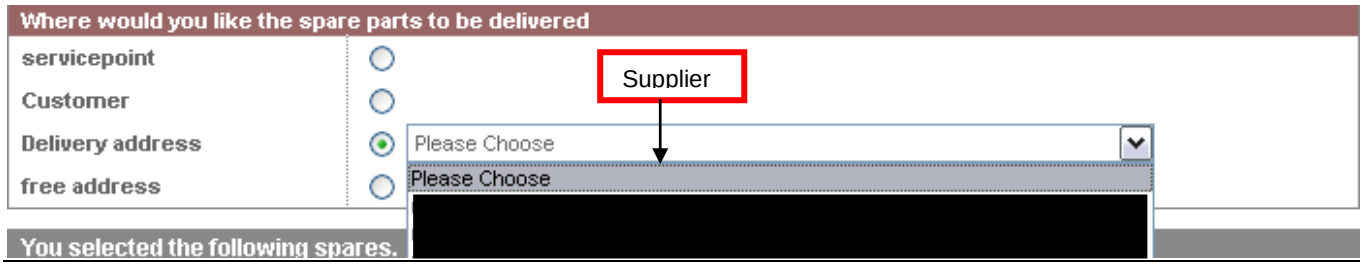
4.1.1.5 Delivery address selection:



Service point: Address of Service Partners site
Delivery address: All additional delivery addresses, which are equal with the addresses entered in PEC. To set up new addresses please refer to mailto:SparesDebitor.Masterdata@ts.fujitsu.com
Due to export control regulations the customer address or a free delivery address is only available for deliveries within Germany.



Supplier:
FUJITSU MIRO: Spare parts are delivered from FUJITSU warehouse.
Own stock: You have the required spare part in your own stock. Ordering process ends after you confirm "own stock". (🕘 Process will be shown in chapter 4.1.2)



Click on button <Next> to proceed.
In the following mask all order settings can be verified.

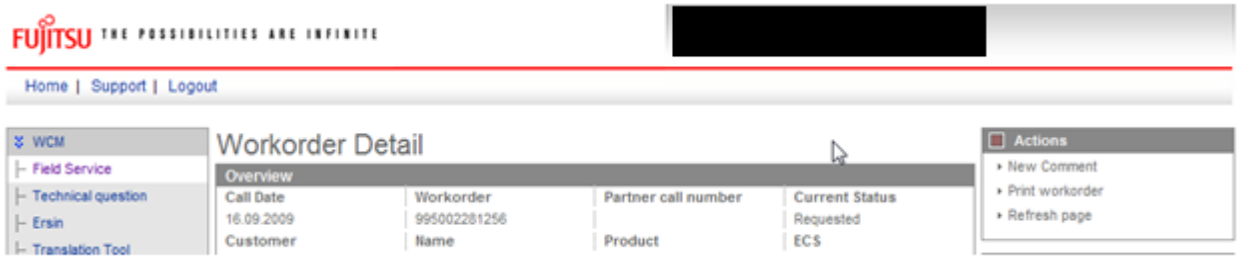
Click on <Finish>

4.1.1.6 Order confirmation

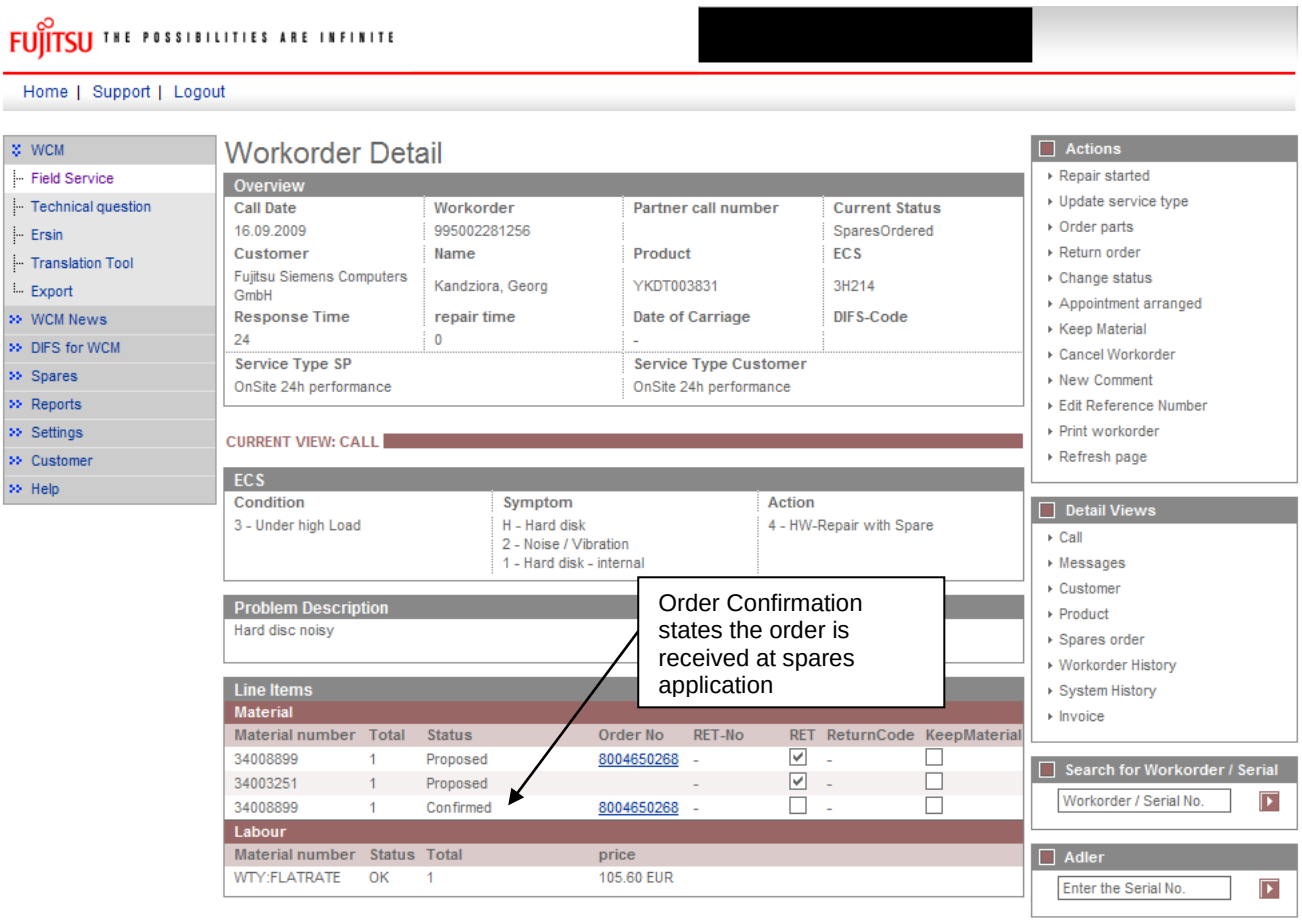
An information screen confirms the spare part is ordered
How this is confirmed depends on the way you have reached the ordering process

A): Material Orders for already assigned Work Orders, i.e. HD assigned claims or self assigned claims which are in status further than requested:

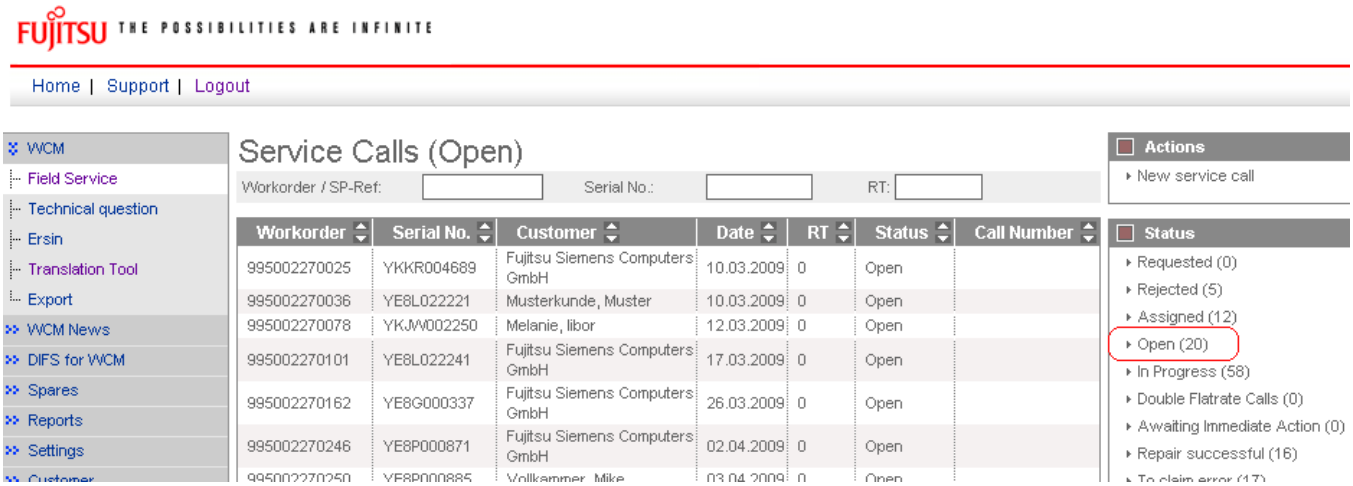
B): Self assigned claims where the order was entered together with the call open:



Click on Refresh page to see the order confirmation. Current Work Order status subsequently changes into "Open" and after spares application confirmed the order the status changes into "SparesOrdered".

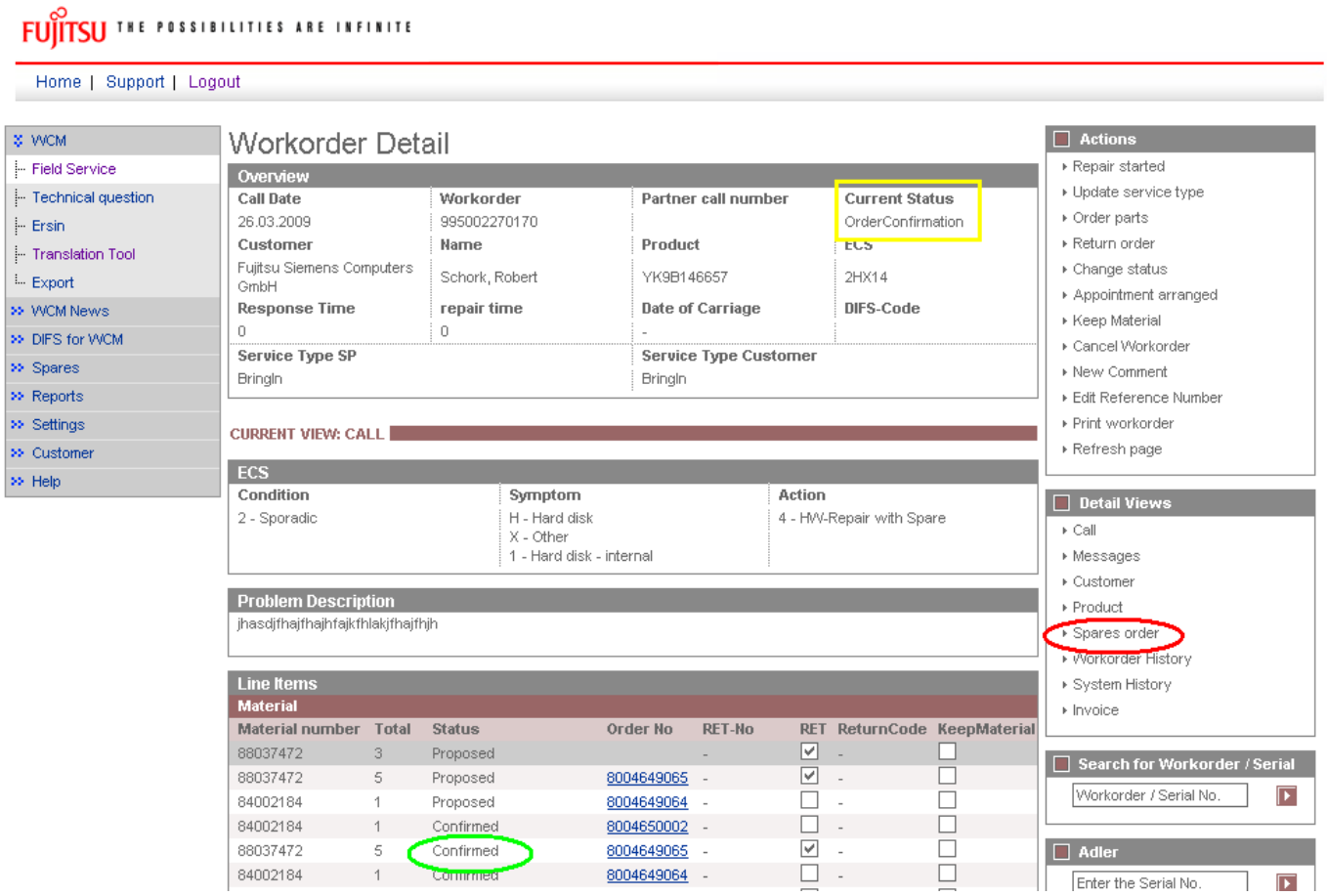


All Work Orders in this status can be retrieved from Status List “Open”:



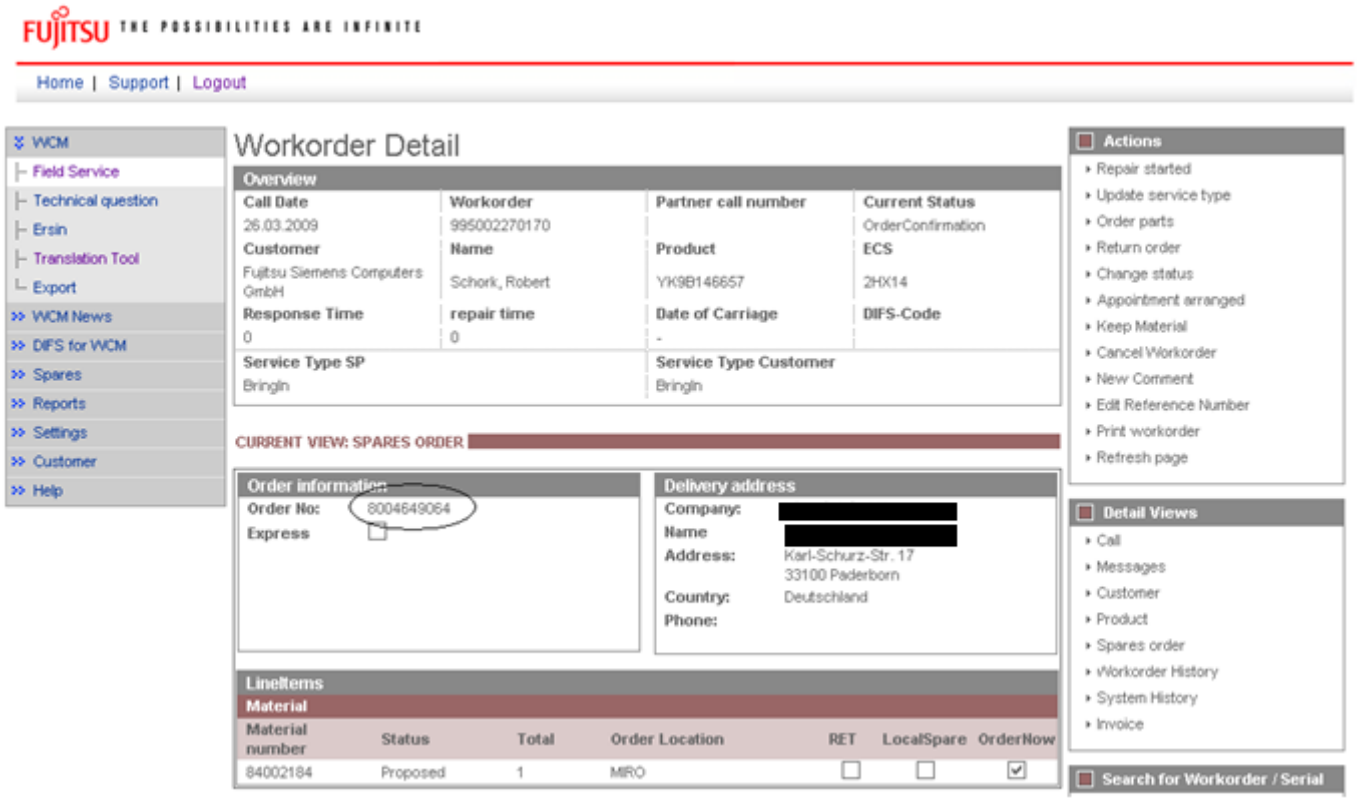
After the spares system confirms the material order is placed, the current status of the Work Order changes to “OrderConfirmation” (see next screen shot). This shows that the order was created successfully. In the status list the Work Order now is shown in status “In Progress”.

Another hint for successful order creation is the Material-Status at the bottom of the Work Order Detail (marked green). Complete explanation regarding this Material-Statuses please see chapter 7.2.3.

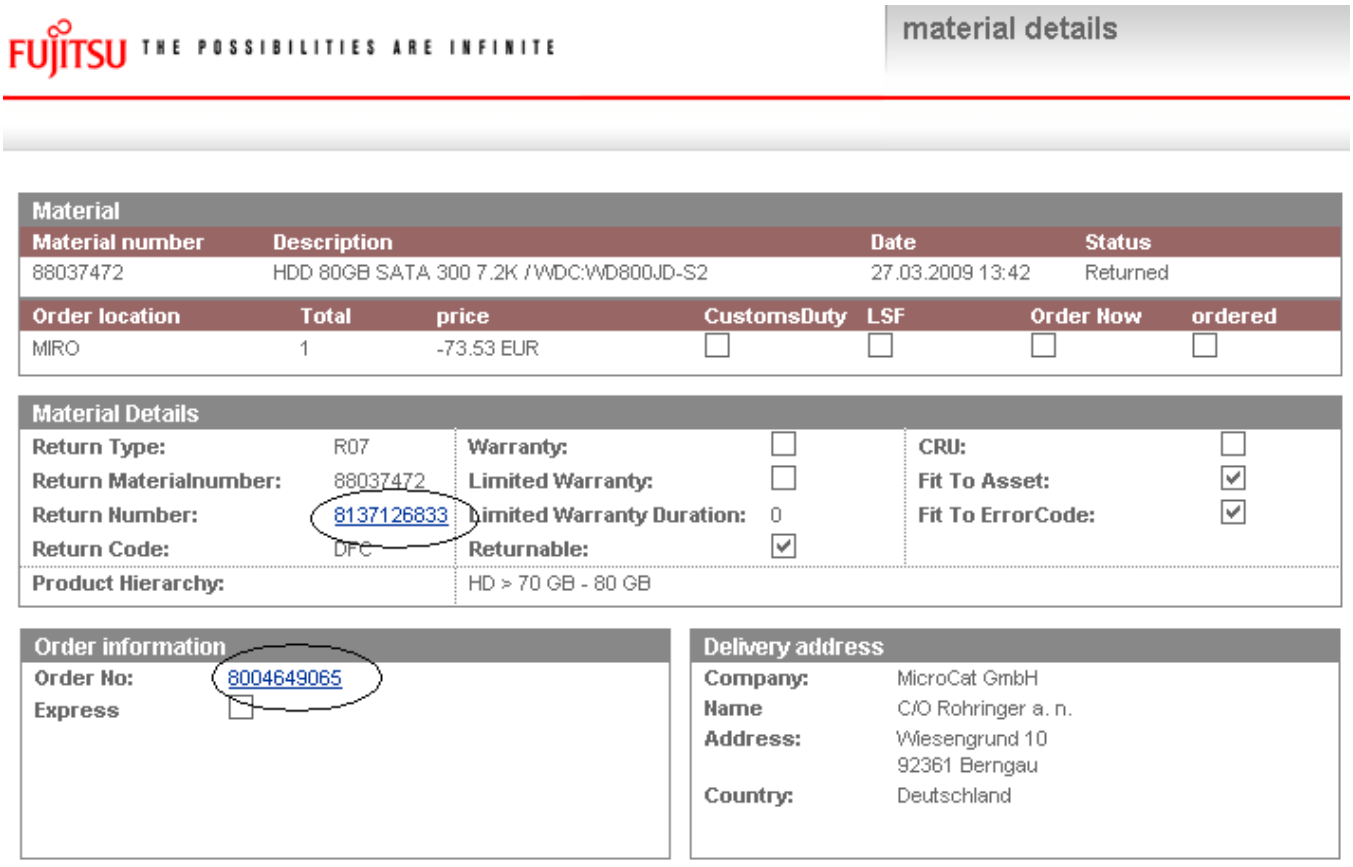


4.1.1.7 Order Details

You can see the PEC order number with using Button “Spares order” (marked red) or with clicking on the word “Confirmed” of the concerned material (marked green).



In case of an ADEX Order you can see the return order number and also the order number with a click on material status “Returned”:



As soon as you can see the Status “Despatched” in the Material Status at the bottom of the Work Order Details, the spare part is sent out of the FUJITSU stock.

The Status displayed in the Work Order Details now is “SparesInDelivery”. (Explanation of all possible Status in “Current Status”, please see chapter 7.2.2)

Provided that you have made the settings for PEC as described in chapter 2, you can switch into PEC with a click on the order number.
Here you can see the status of your order.

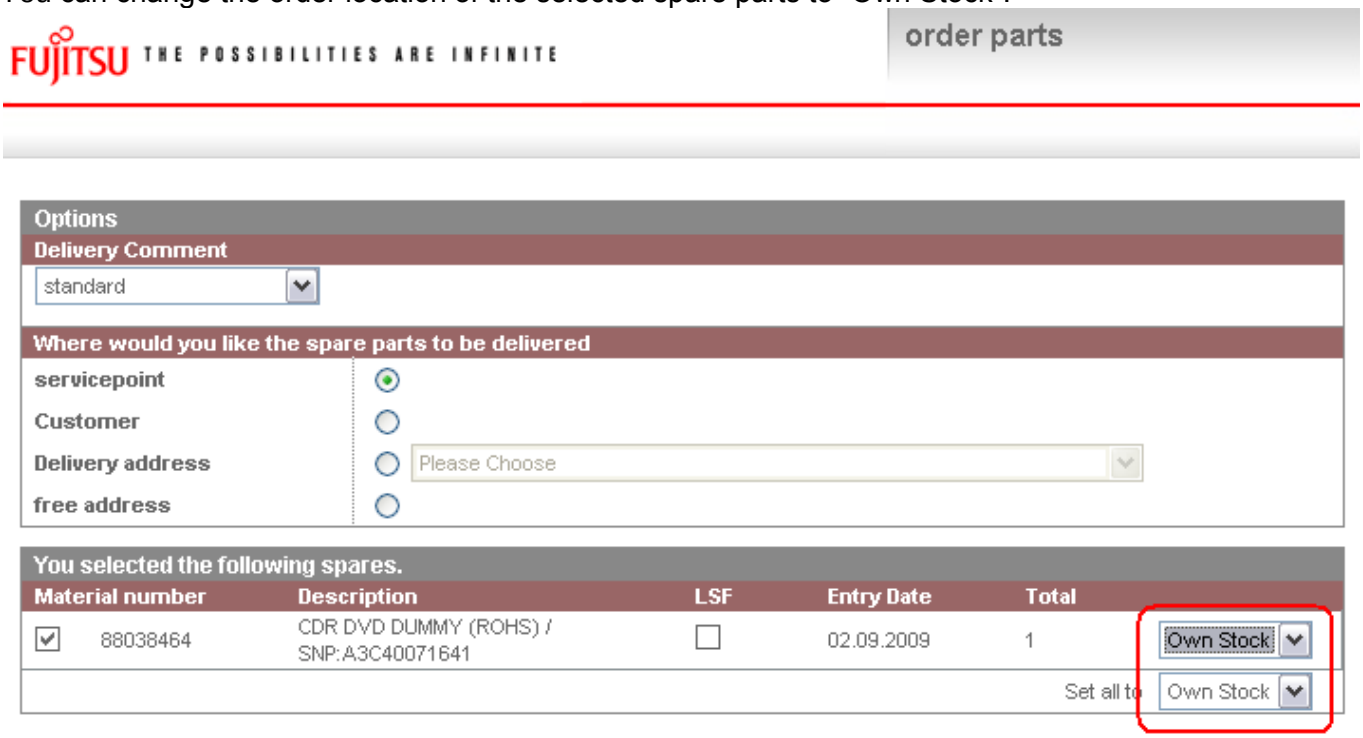
4.1.2 Using Spares of own stock

You can use spare parts from your own stock (original FUJITSU parts) if wanted and available.

The processing in WCM WEB begins like the normal spare part ordering process. Therefore please start your WCM entries as described in chapter 4.1.1.

Then proceed here:

You can change the order location of the selected spare parts to “Own Stock”.



Click on <Next> to proceed; in the following window all Work Order settings can be verified.

Click on <Finish>

An information screen confirms the Work Order was created.

Work Order status changes automatically from “Requested” to “Open”. Status will stay in status “Open” until you change it manually with click on “repair started”.
(Only if you order spare parts from FUJITSU, then status changes from “Open” to “In Progress” automatically.)

4.1.3 Ordering High availability parts (4h Service Packs)

4.1.3.1 Ordering

For high availability contracts e.g. 4h Service Packs, WO has to be opened in WCM WEB as well. However it is not yet possible to order spare parts in WCM. Please order these parts as “Own stock”.

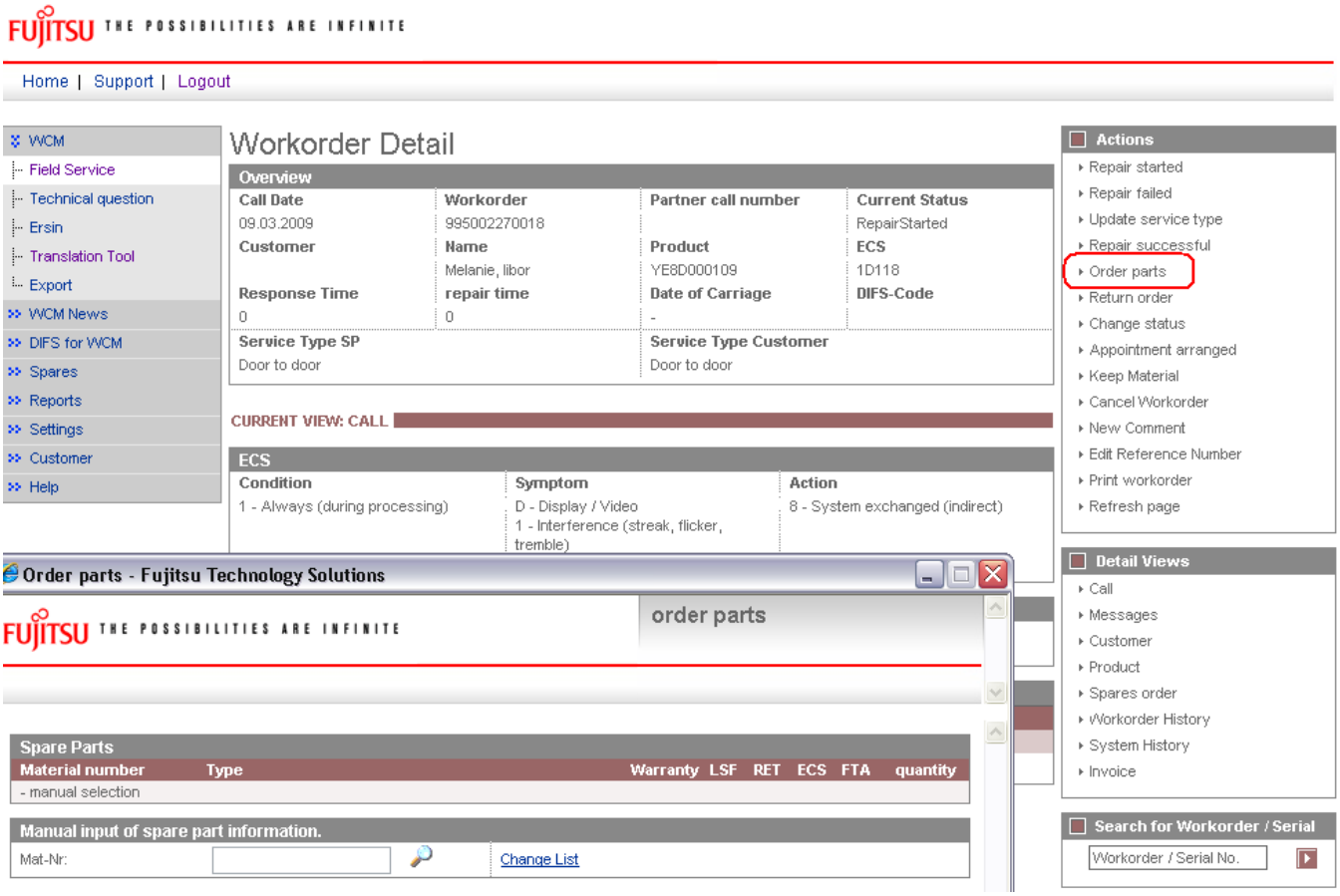
Service Partners with additional agreement “High Availability Service” can choose additional delivery options “High Availability Courier” or “High Availability Pickup” in PEC.
In Field: high availability/ Freezing contract number you have to select the Serial Number.

4.1.3.2 Parts Return

Processing the claim WCM checks, if all ordered material was returned (to claim check chapter 5.1.2).
For the high availability spare parts ordered the keep material flag (chapter 4.5) has to be set.
This is a workaround until the high availability orders are integrated in WCM.

4.1.4 Belated additional ordering

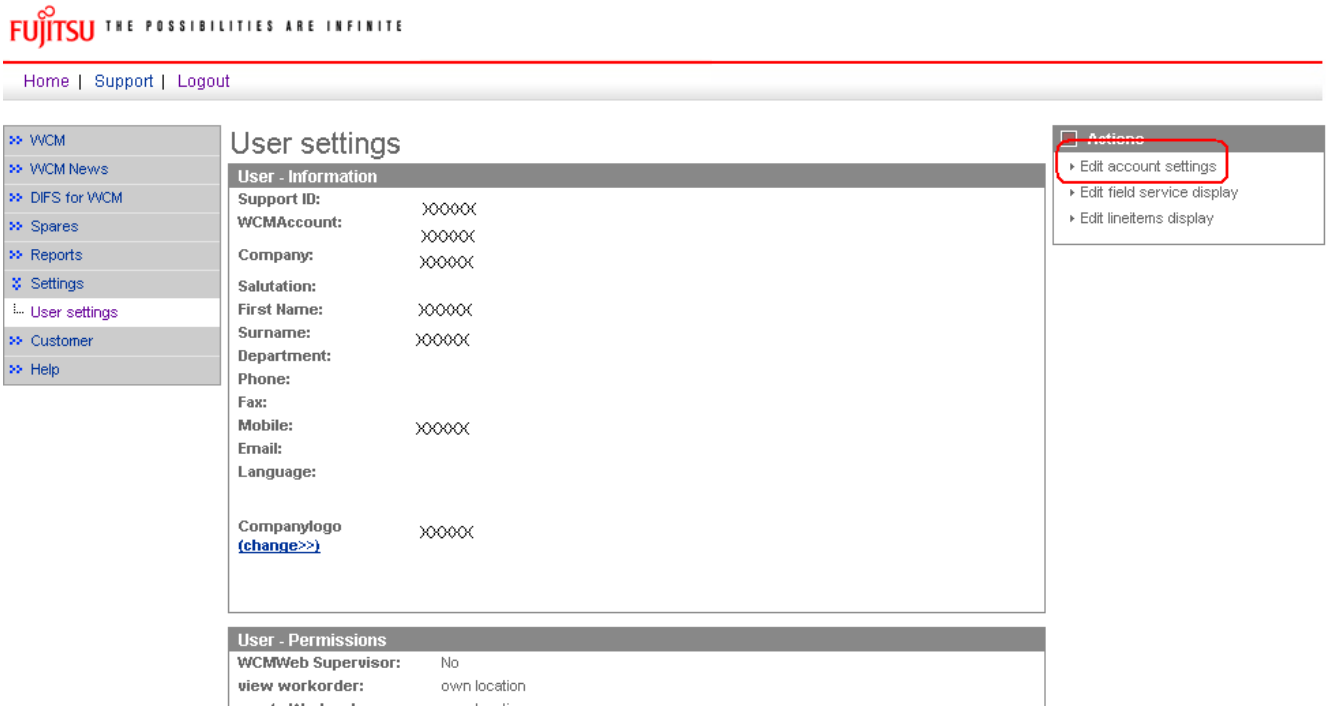
As long as a Work Order has the Status “In Progress” it is always possible to order additional material. When opened the Work Order Details, you can order again with clicking on “Order parts” at Actions section:

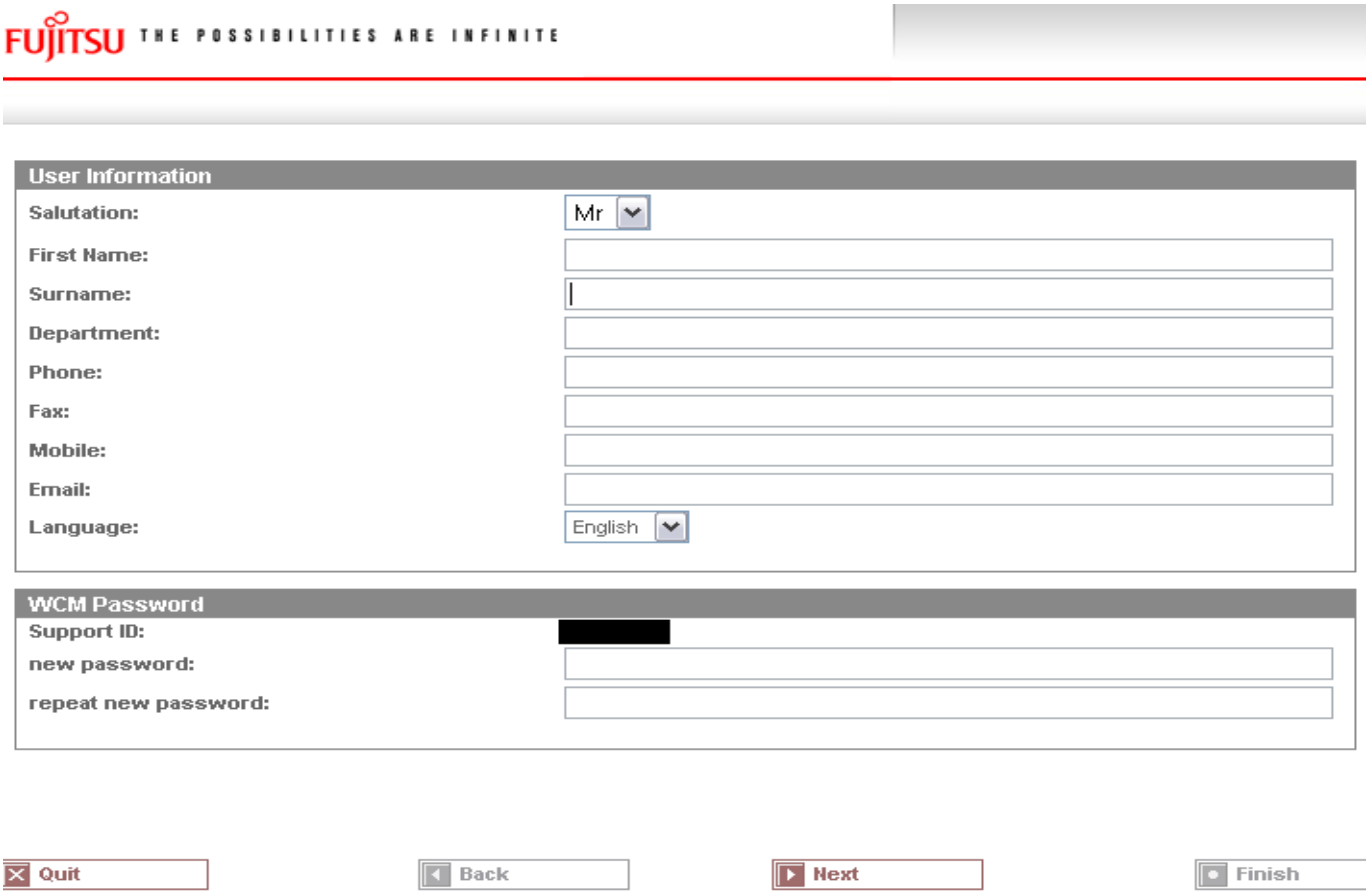


4.1.5 Single Login to Partner Entry Channel (PEC)

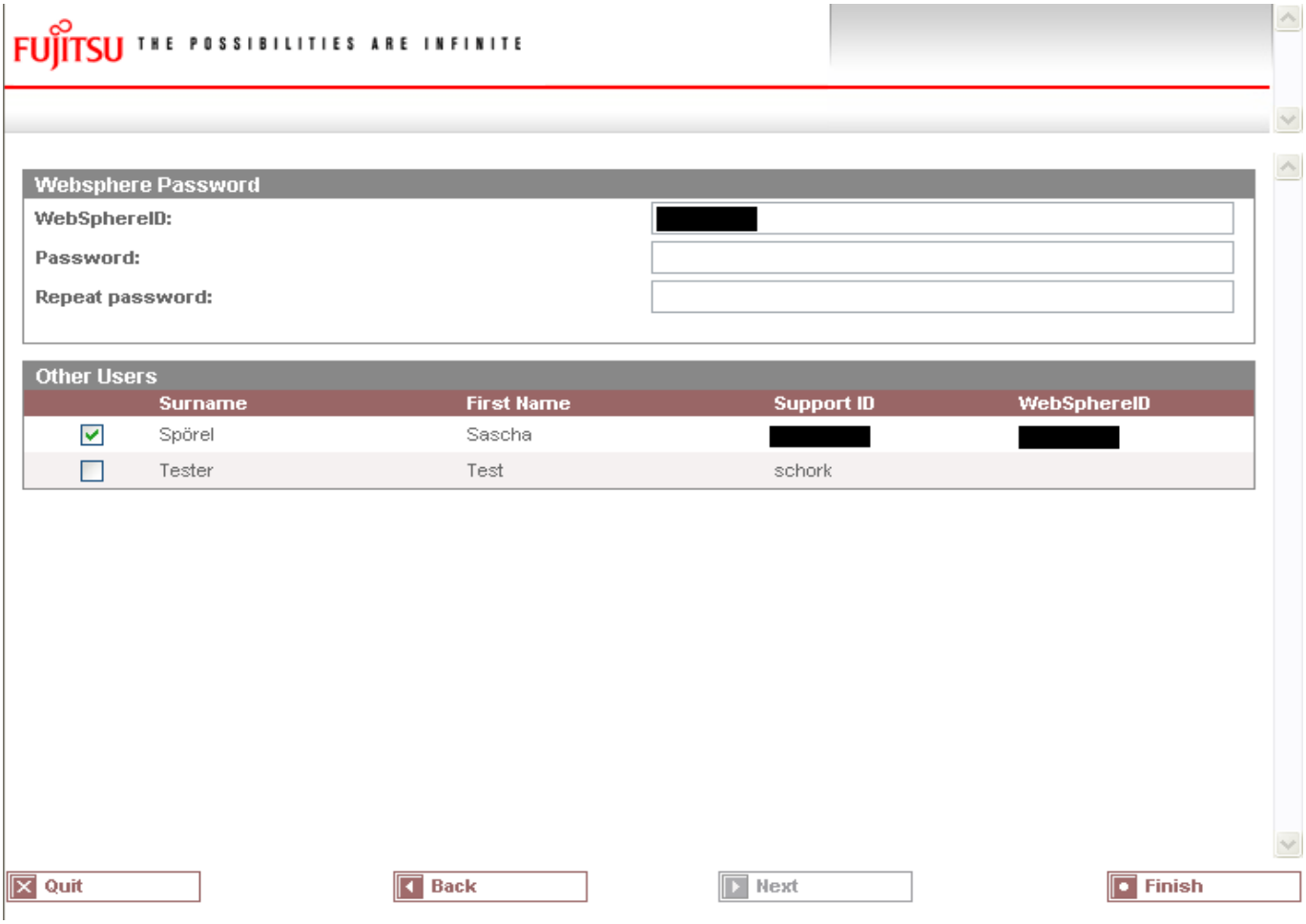
4.1.5.1 User settings

To use the single login option for PEC, the user settings have to be completed by the PEC account data of the Service Partner.





Press Button “NEXT”

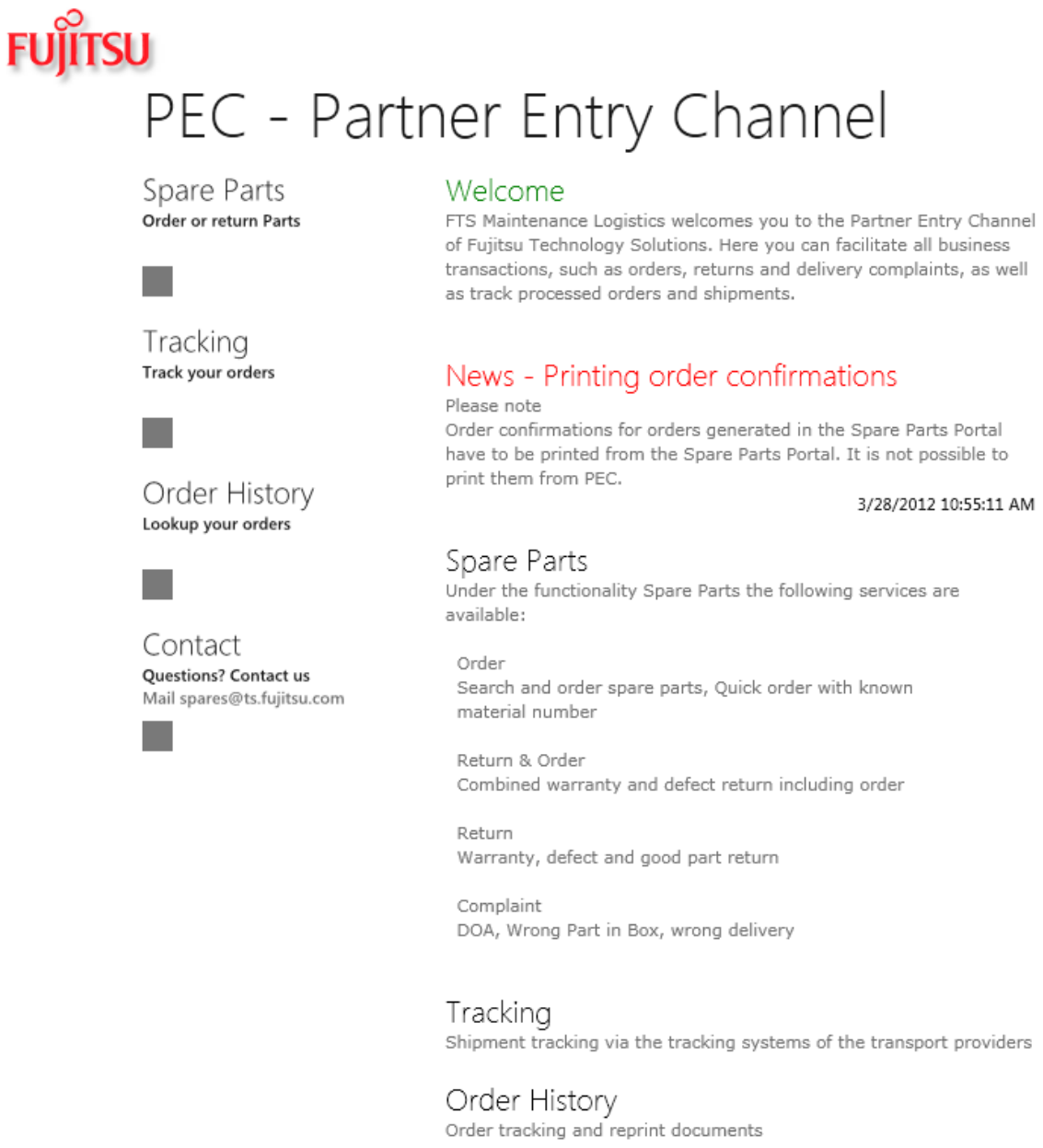


4.1.5.2 Spares Services

The Spare Parts Portal has been replaced by the Partner Entry Channel (PEC) in May 2012.

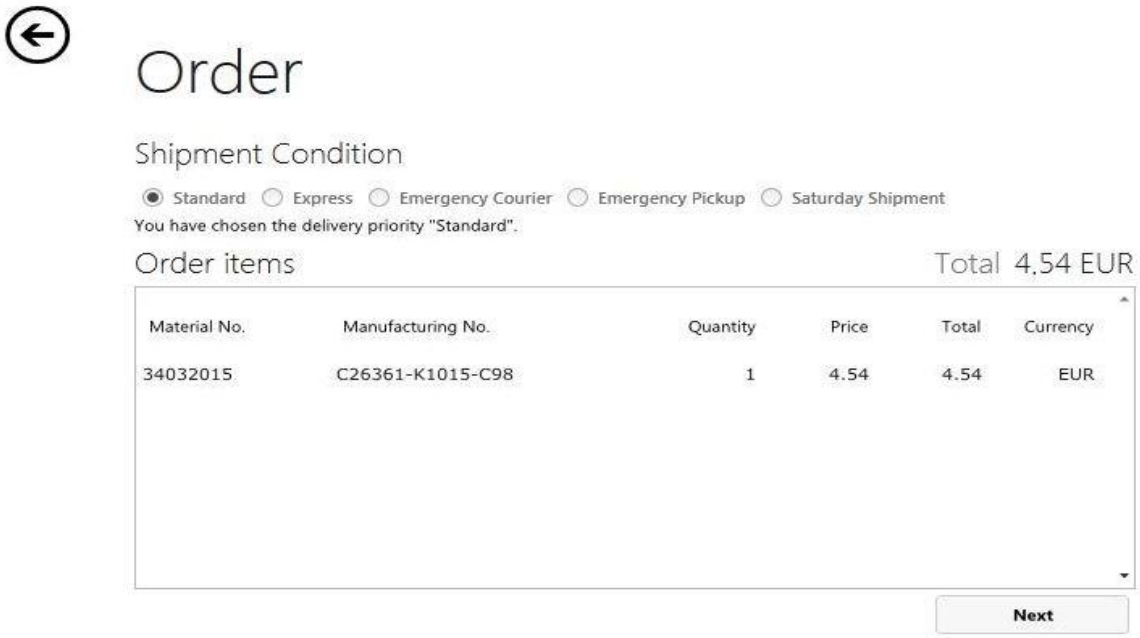
The PEC User Manual is available at:
https://partners.ts.fujitsu.com/com/service/general/service-spares/manual/Pages/default.aspx

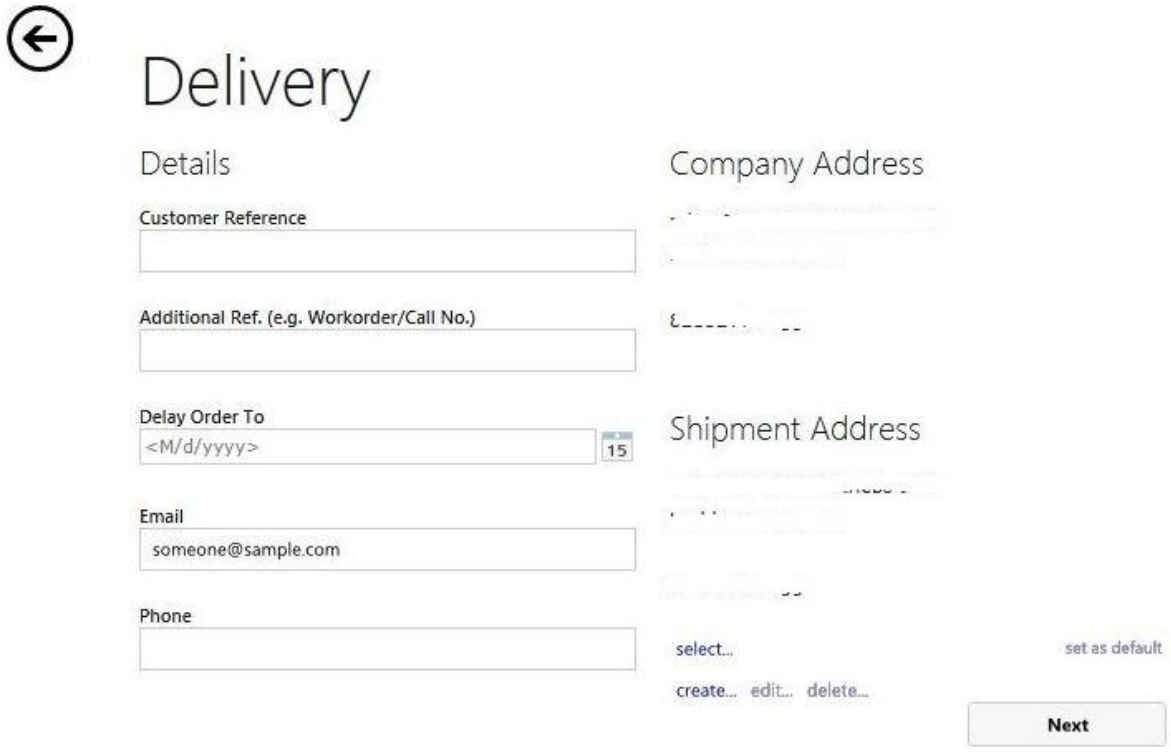
PEC is reachable with the SPARES button in WCM Web.
PEC will open in a new Browser Window.
To use PEC it is mandatory to install "Microsoft Silverlight" on your PC.


FUJITSU
PEC - Partner Entry Channel
Spare Parts
Order or return Parts
Tracking
Track your orders
Order History
Lookup your orders
Contact
Questions? Contact us
Mail spares@ts.fujitsu.com
Welcome
FTS Maintenance Logistics welcomes you to the Partner Entry Channel of Fujitsu Technology Solutions. Here you can facilitate all business transactions, such as orders, returns and delivery complaints, as well as track processed orders and shipments.
News - Printing order confirmations
Please note
Order confirmations for orders generated in the Spare Parts Portal have to be printed from the Spare Parts Portal. It is not possible to print them from PEC.
3/28/2012 10:55:11 AM
Spare Parts
Under the functionality Spare Parts the following services are available:
Order
Search and order spare parts, Quick order with known material number
Return & Order
Combined warranty and defect return including order
Return
Warranty, defect and good part return
Complaint
DOA, Wrong Part in Box, wrong delivery
Tracking
Shipment tracking via the tracking systems of the transport providers
Order History
Order tracking and reprint documents

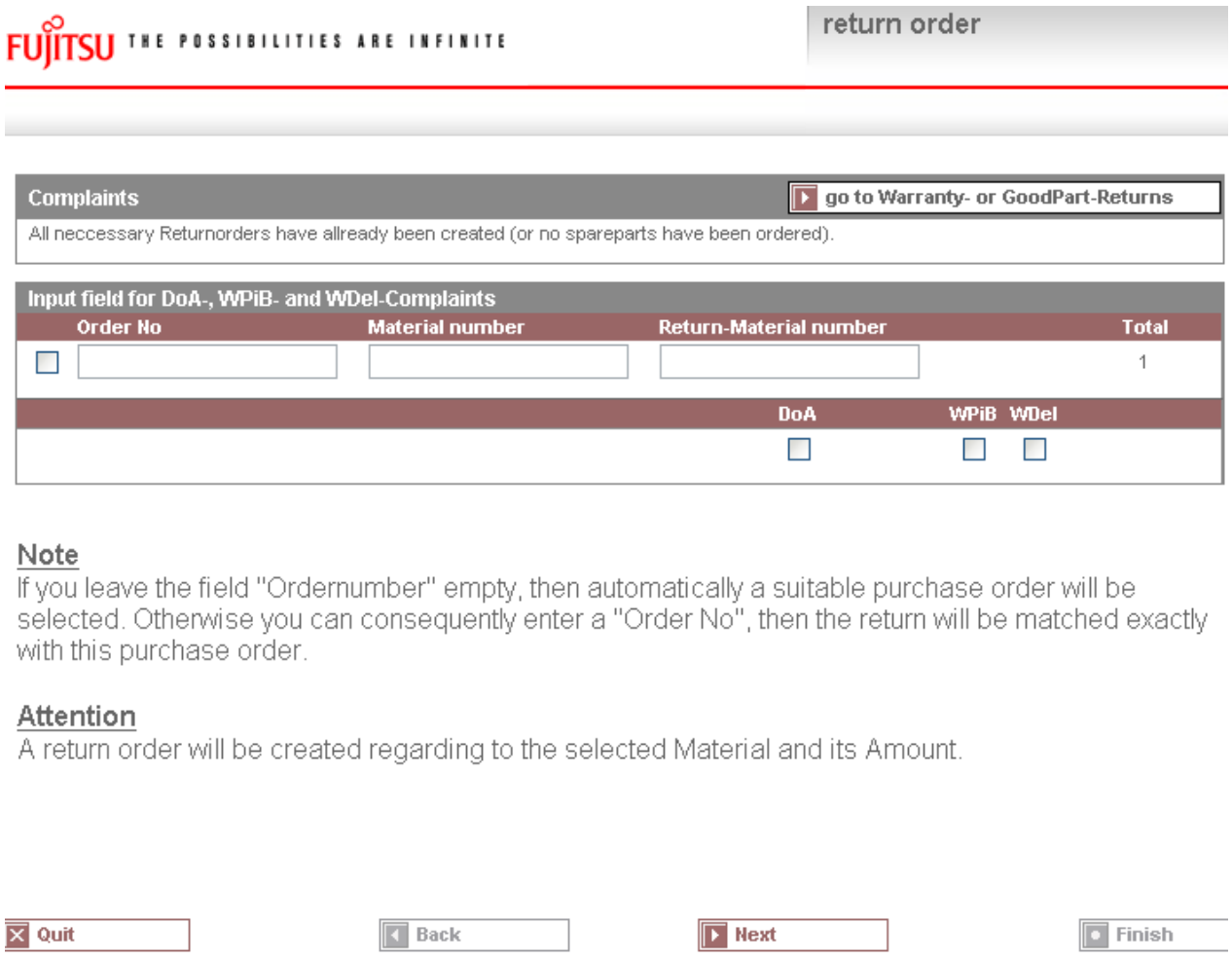
4.1.5.3 Delivery priorities in Partner Entry Channel (PEC)

The available delivery priorities depend on the individual contract with FTS Maintenance Logistics.





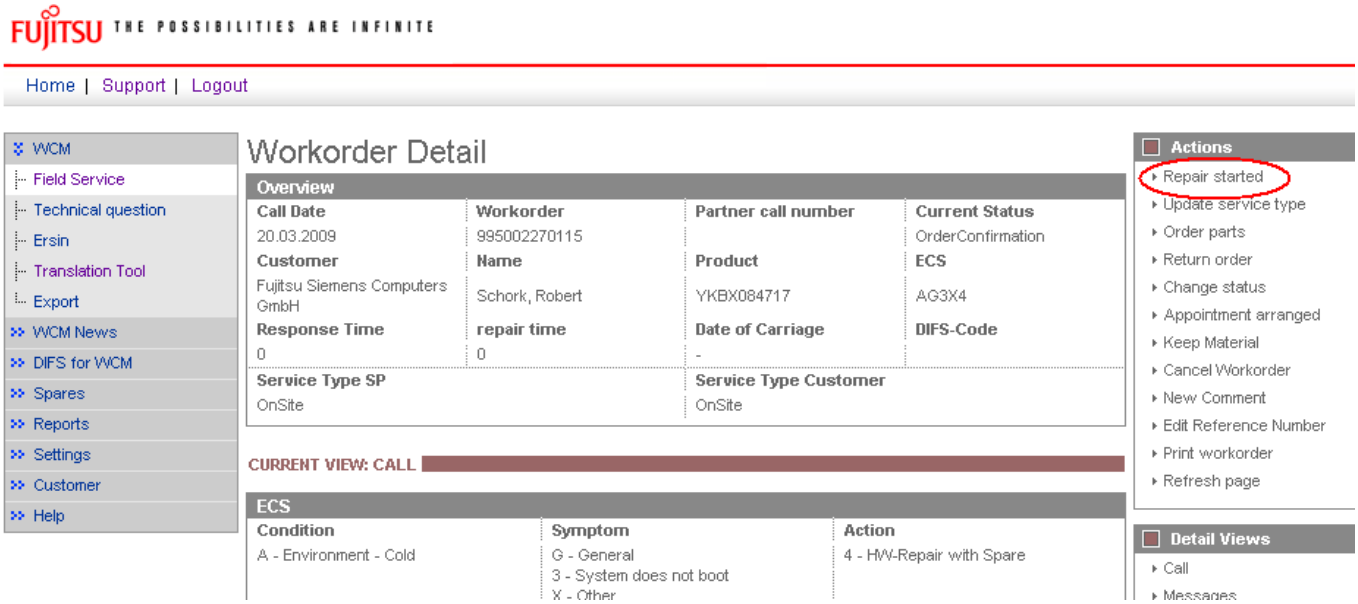
If PEC is used for warranty calls, the return order has to be advised in WCM WEB or PEC separately and the related order number is to be entered manually.

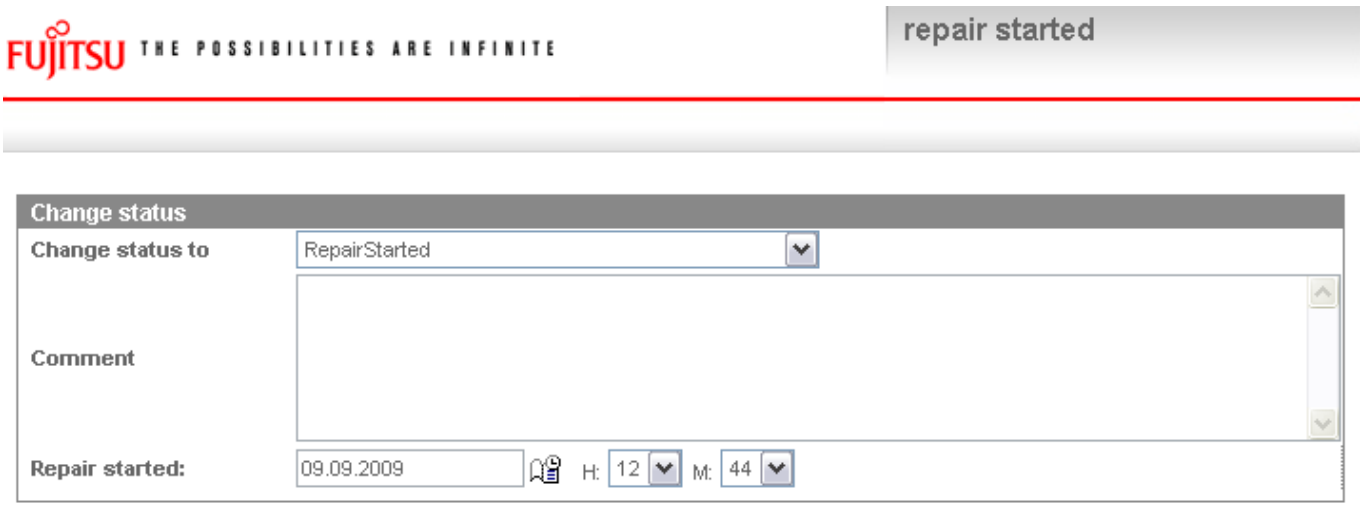

FUJITSU THE POSSIBILITIES ARE INFINITE
return order
Complaints
go to Warranty- or GoodPart-Returns
All neccessary Returnorders have allready been created (or no spareparts have been ordered).
Input field for DoA-, WPiB- and WDel-Complaints
Order No
Material number
Return-Material number
Total
1
DoA
WPiB
WDel
Note
If you leave the field "Ordernumber" empty, then automatically a suitable purchase order will be selected. Otherwise you can consequently enter a "Order No", then the return will be matched exactly with this purchase order.
Attention
A return order will be created regarding to the selected Material and its Amount.
Quit
Back
Next
Finish

4.2 Repair Process

4.2.1 Repair started

If the spare part is available, the repair process can be started.
First step is to manually change the status into “Repair started” (open the Work Order Detail Actions: “Repair started”):





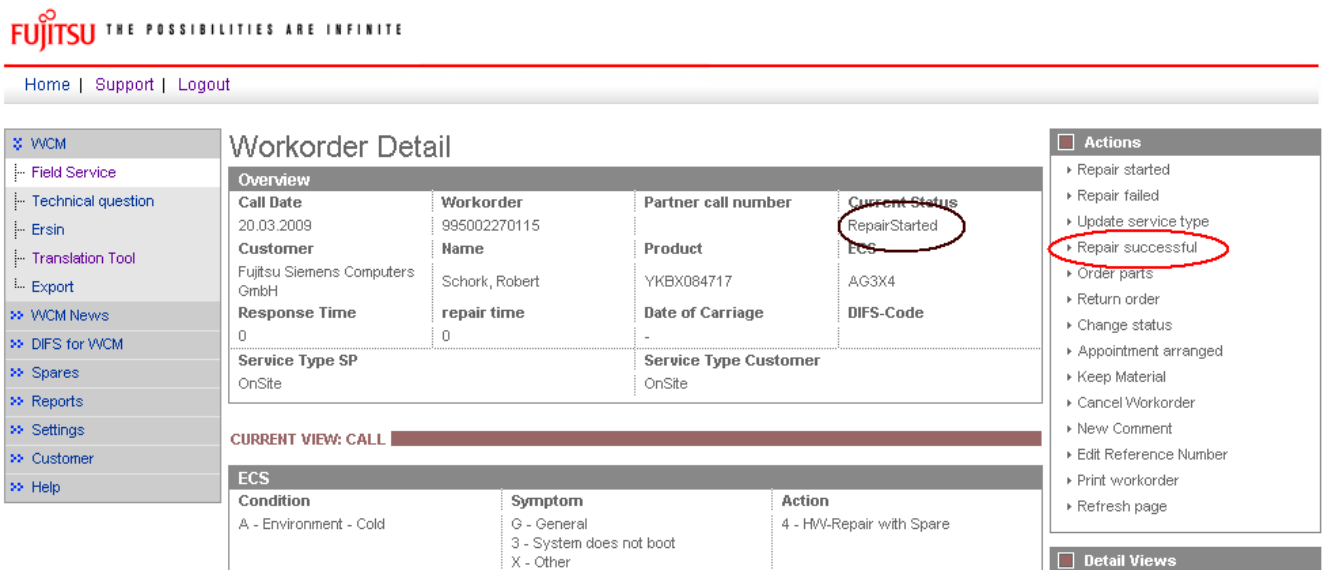
Choose “RepairStarted”; click on <Finish>.

An information screen is shown that the status was changed; click on <Close> to shut this window.

4.2.2 Repair successful

After finishing the repair, the Service Call Status has to be changed into “Repair successful”.

Open the Work Order Detail and click on “Repair successful” in rubric actions:



Hint: It is not possible to change the status into “Repair successful” unless it was changed into “RepairStarted” before!

The error code has to be confirmed after repair. Press edit to enter the error code screen; do changes if necessary:

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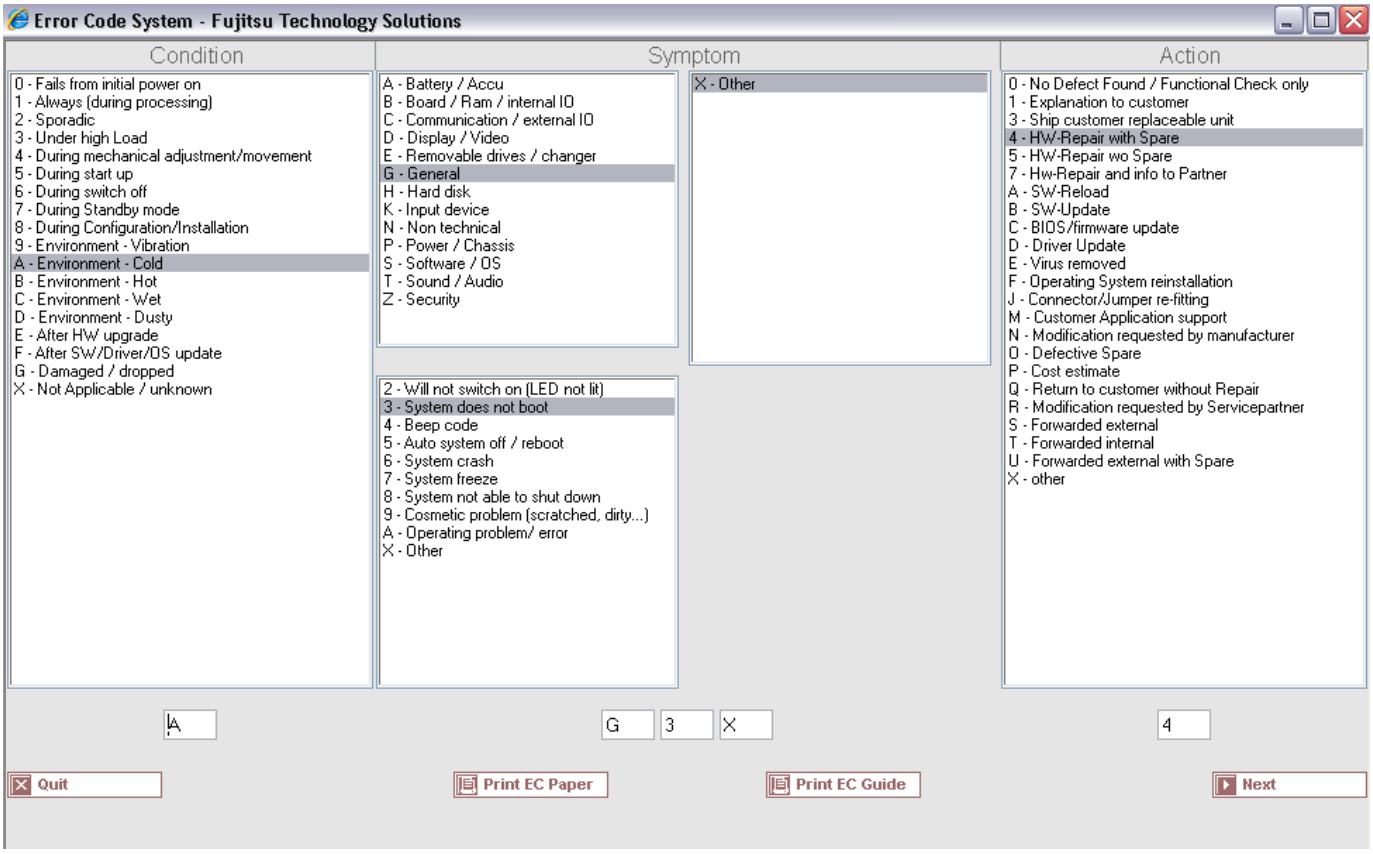
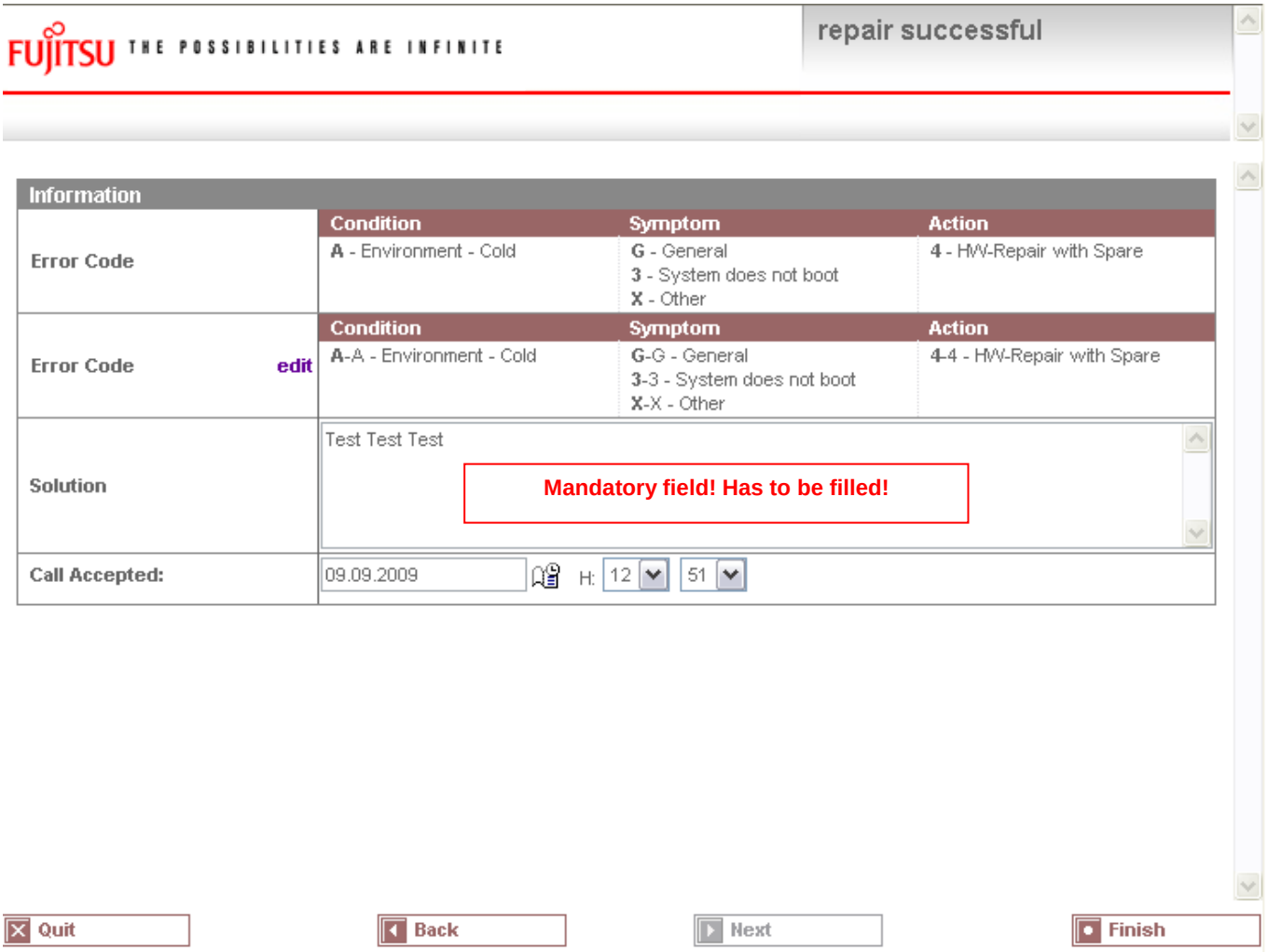
repair successful

Information			
Error Code	**Condition**	**Symptom**	**Action**
	A - Environment - Cold	**G** - General **3** - System does not boot **X** - Other	**4** - HW-Repair with Spare
Error Code edit	**Condition**	**Symptom**	**Action**
	-	- - -	-
Solution			
Call Accepted:	09.09.2009 H: 12 51		


Error Code System - Fujitsu Technology Solutions
Condition
0 - Fails from initial power on
1 - Always (during processing)
2 - Sporadic
3 - Under high Load
4 - During mechanical adjustment/movement
5 - During start up
6 - During switch off
7 - During Standby mode
8 - During Configuration/Installation
9 - Environment - Vibration
A - Environment - Cold
B - Environment - Hot
C - Environment - Wet
D - Environment - Dusty
E - After HW upgrade
F - After SW/Driver/OS update
G - Damaged / dropped
X - Not Applicable / unknown
Symptom
A - Battery / Accu
B - Board / Ram / internal IO
C - Communication / external IO
D - Display / Video
E - Removable drives / changer
G - General
H - Hard disk
K - Input device
N - Non technical
P - Power / Chassis
S - Software / OS
T - Sound / Audio
Z - Security
X - Other
2 - Will not switch on (LED not lit)
3 - System does not boot
4 - Beep code
5 - Auto system off / reboot
6 - System crash
7 - System freeze
8 - System not able to shut down
9 - Cosmetic problem (scratched, dirty...)
A - Operating problem/ error
X - Other
Action
0 - No Defect Found / Functional Check only
1 - Explanation to customer
3 - Ship customer replaceable unit
4 - HW-Repair with Spare
5 - HW-Repair wo Spare
7 - Hw-Repair and info to Partner
A - SW-Reload
B - SW-Update
C - BIOS/firmware update
D - Driver Update
E - Virus removed
F - Operating System reinstallation
J - Connector/Jumper re-fitting
M - Customer Application support
N - Modification requested by manufacturer
O - Defective Spare
P - Cost estimate
Q - Return to customer without Repair
R - Modification requested by Servicepartner
S - Forwarded external
T - Forwarded internal
U - Forwarded external with Spare
X - other
A
G
3
X
4
Quit
Print EC Paper
Print EC Guide
Next



Click on <Finish> to proceed.

An Information Screen is shown that the repair is completed now.

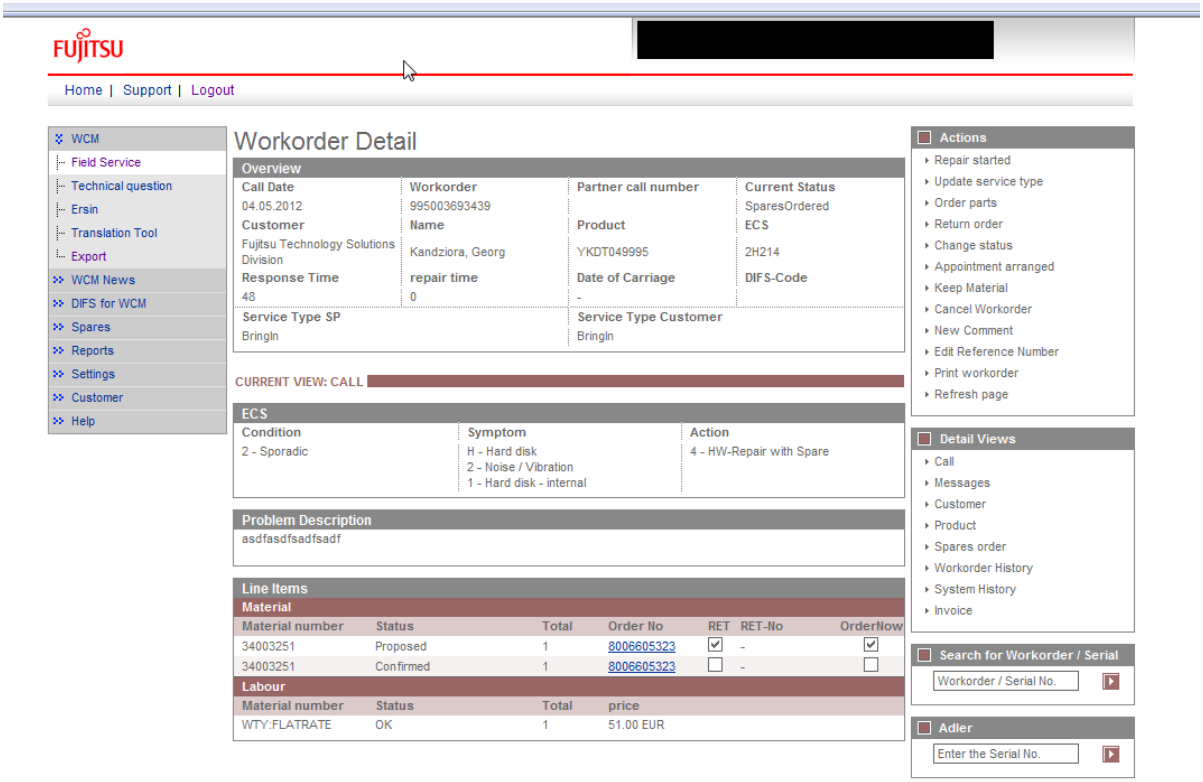
Click on button <Finish> to shut the window; you are back in the Work Order Detail screen.

4.2.3 Repair failed - claim Double Flatrate

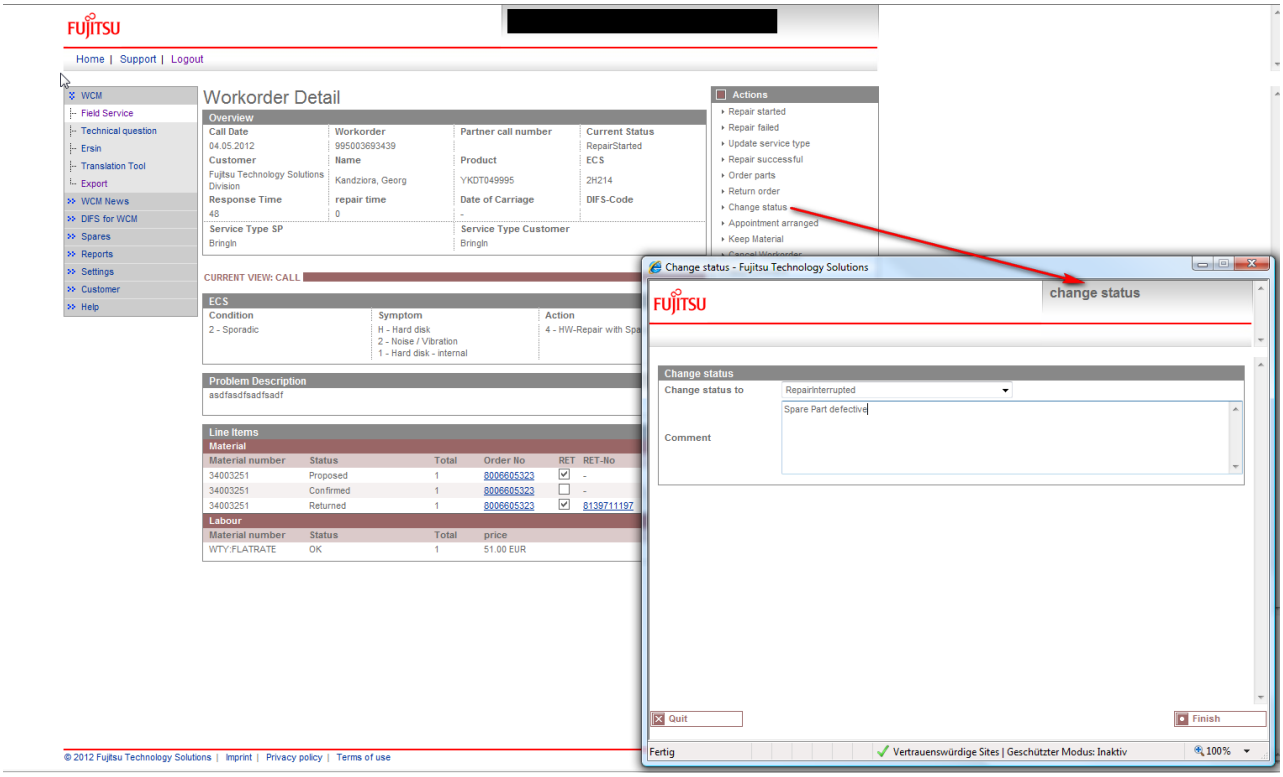
If the failure cannot be fixed at once and a second repair activity is necessary, another workorder may be claimed. For reasons of process government and active influence on the correct advice for the 2nd deployment on the same incident, this process needs to be controlled by the helpdesk. The former process to claim double flat rate for help desk assigned workorders was abandoned. Since 16.04.2012 the Service Desk Approval process can be used. See Service Desk Approval process for repeated repairs chapter 3.5.2.2. A model case is explained below:

Example: Repair fails because the spare part was defective:

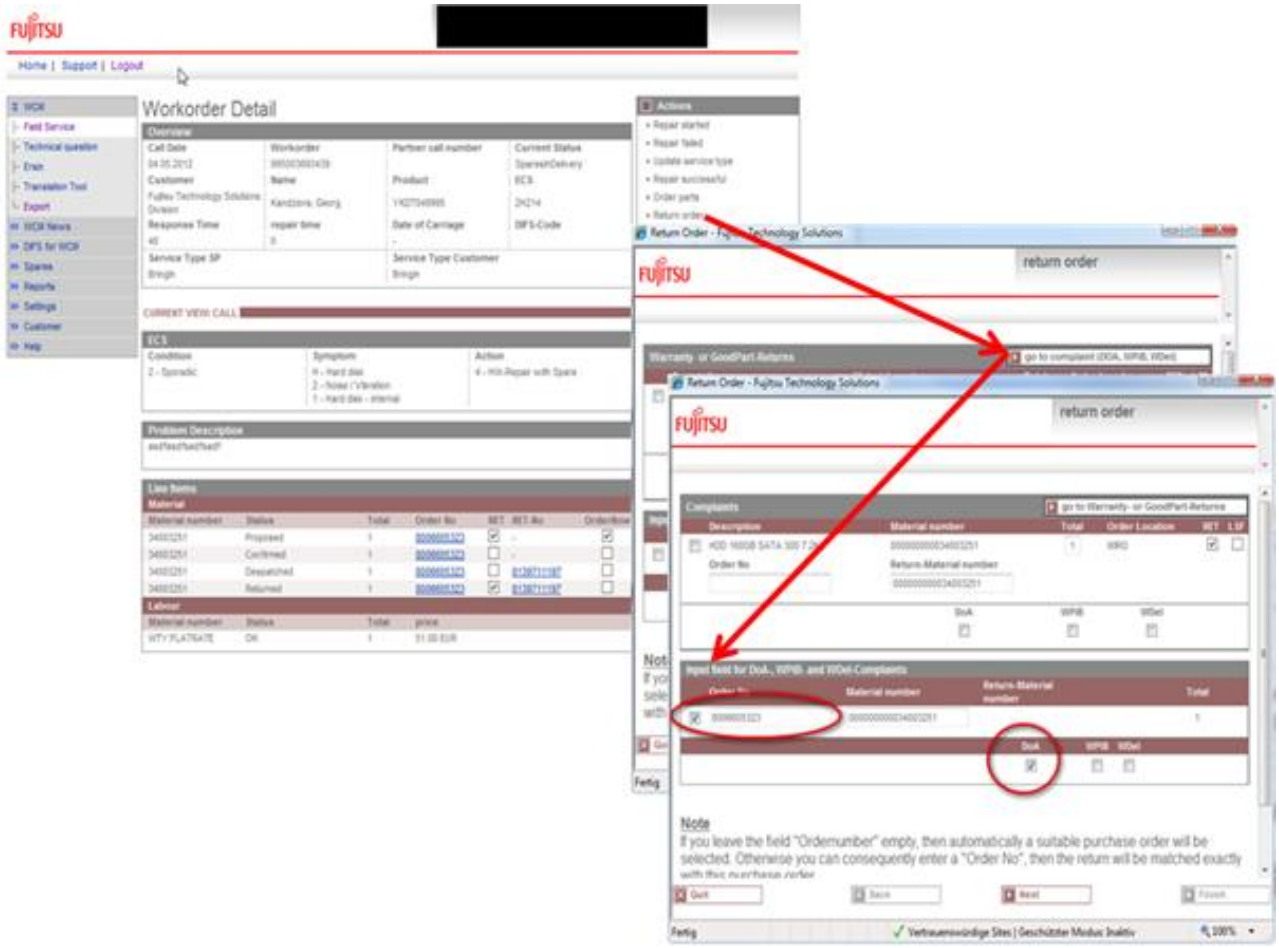
1. Initial State: A Workorder was created and one spare part is ordered by ADEX Order



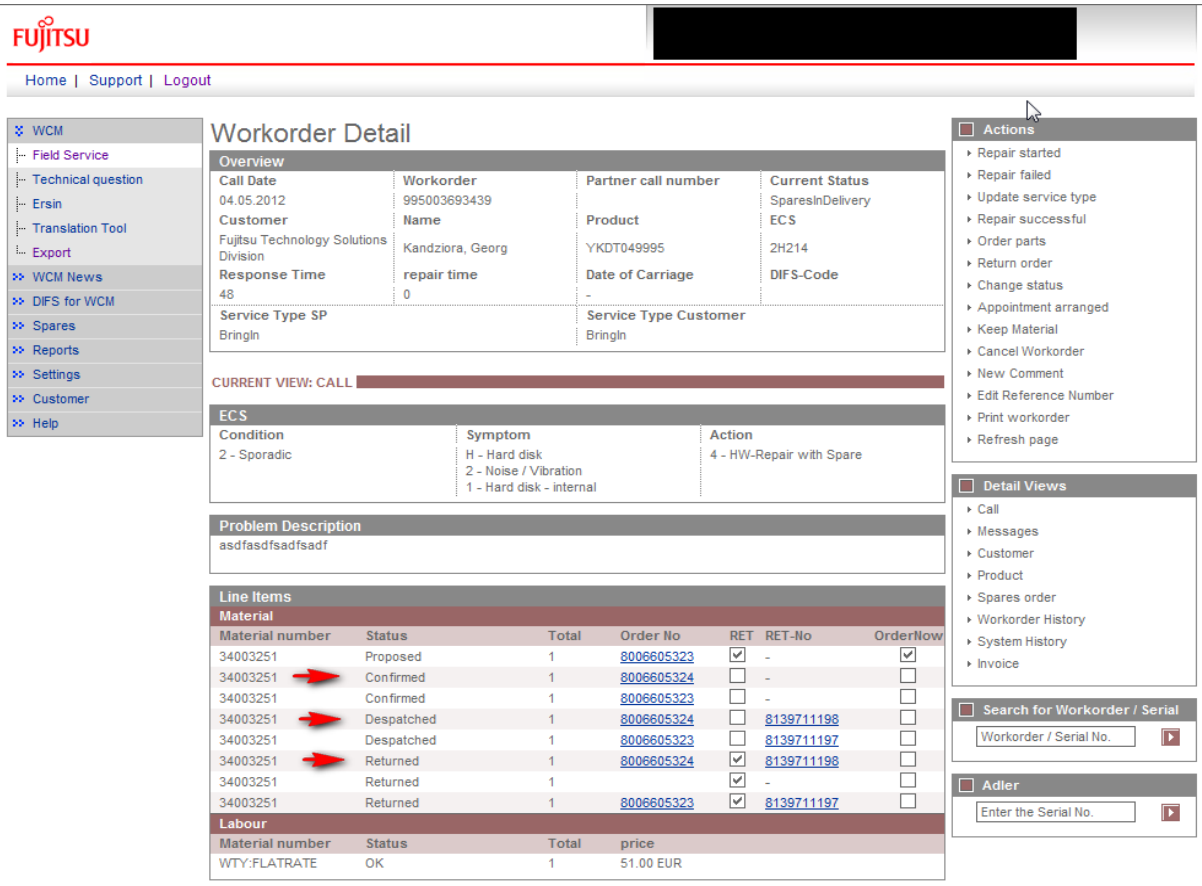
2. Repair failed: To document the situation for your own overview it is possible to change the status to repair interrupted and enter a reason to the Workorder. This step is optional.



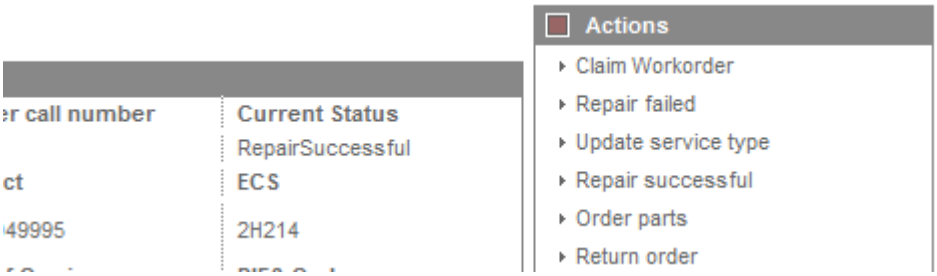
3. Return of defective material by DOA return order:
   Choose action Return Order and go to complaint

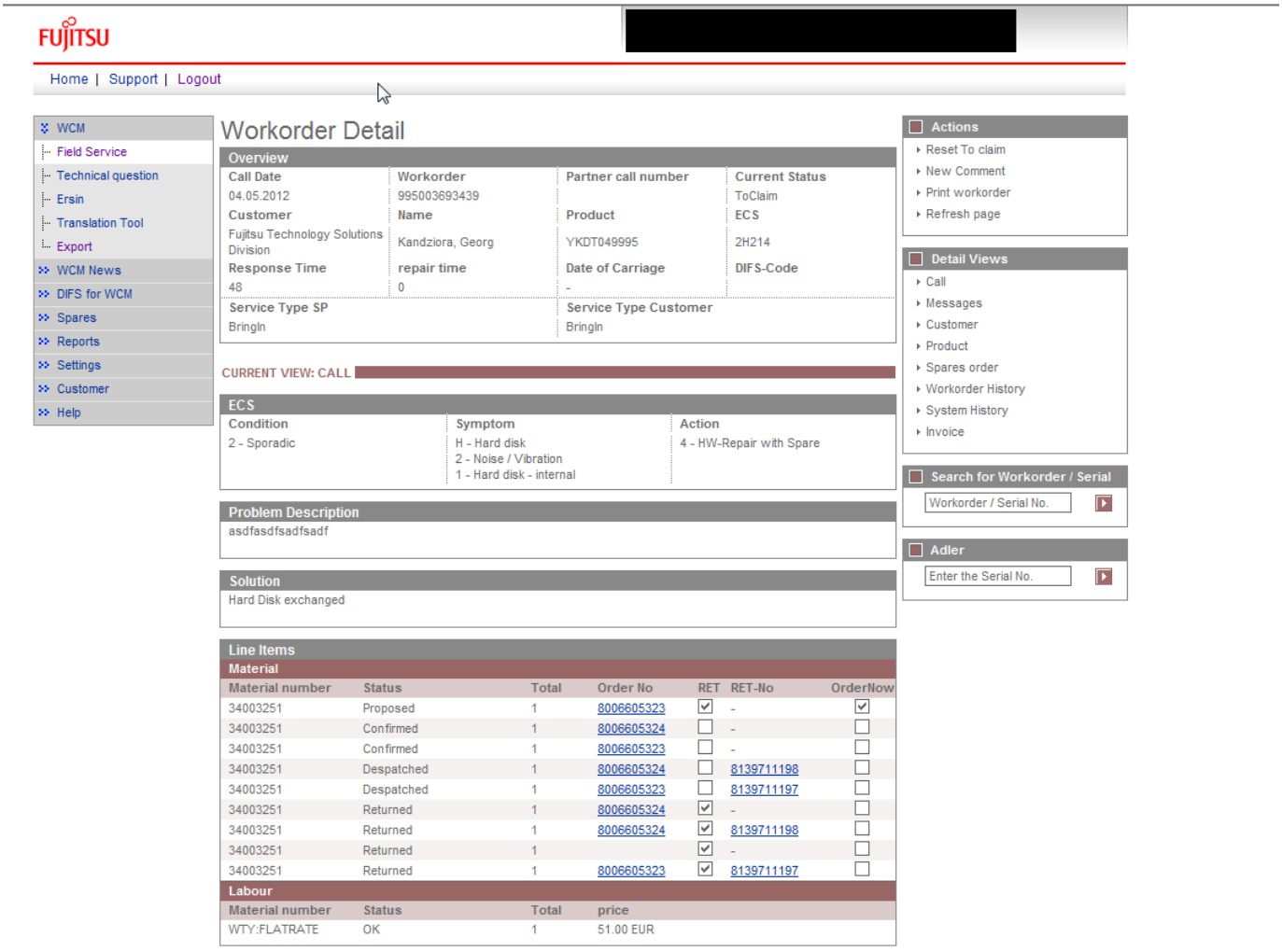

Workorder Detail
return order
Note
If you leave the field "Ordernumber" empty, then automatically a suitable purchase order will be selected. Otherwise you can consequently enter a "Order No", then the return will be matched exactly

4. Confirmation of complaint order and related return order are updated in WCM WEB

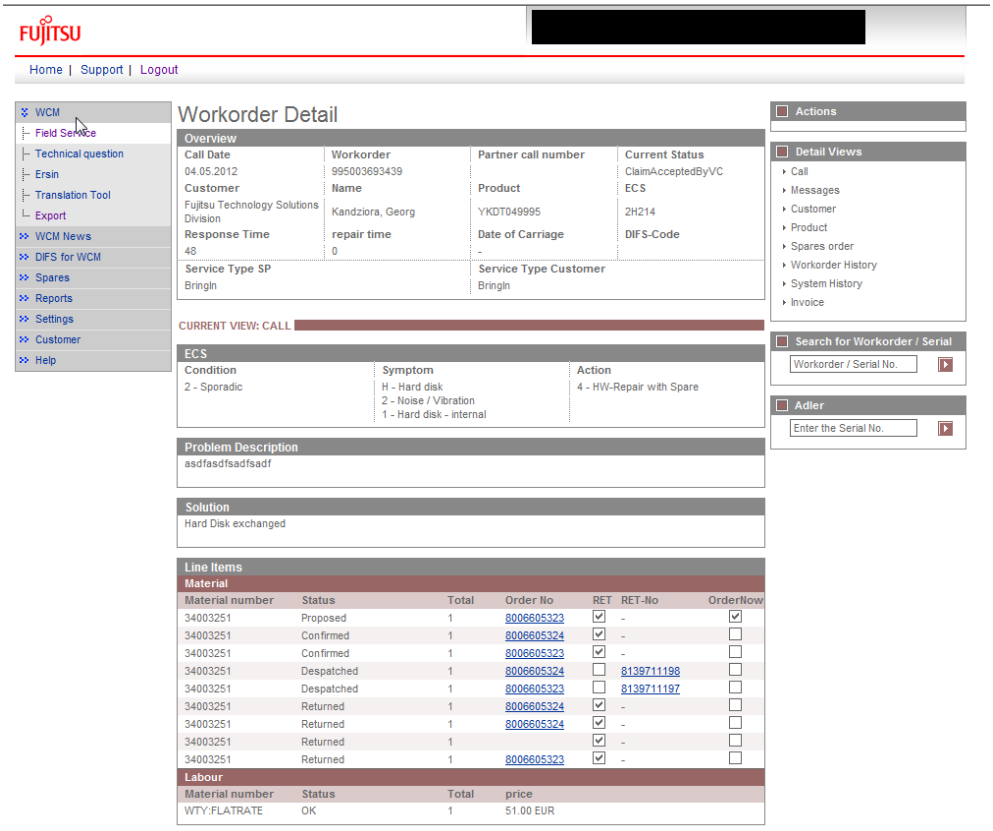


5. Repair Successful and To Claim

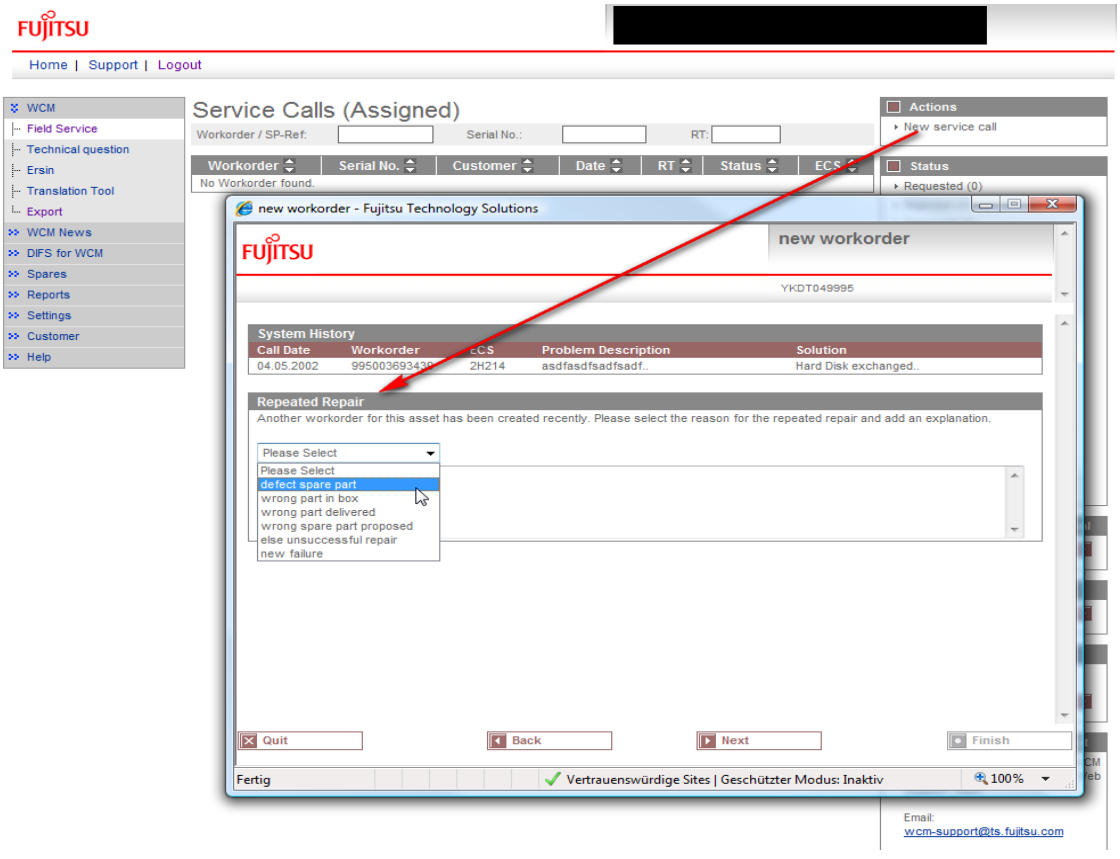


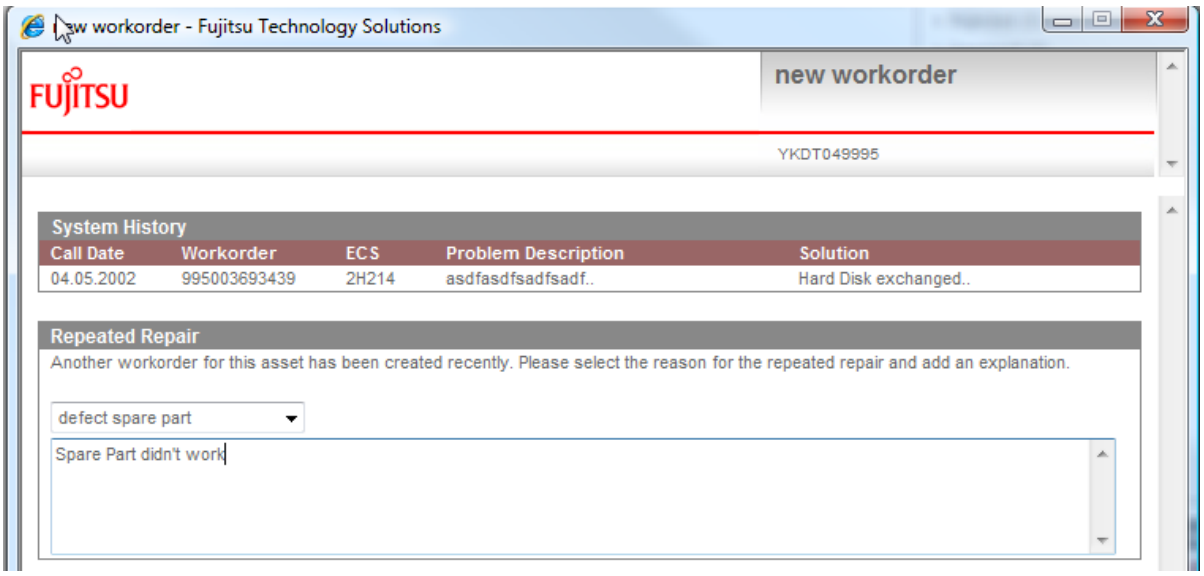


6. Accepted by Validation Center after defect parts are returned

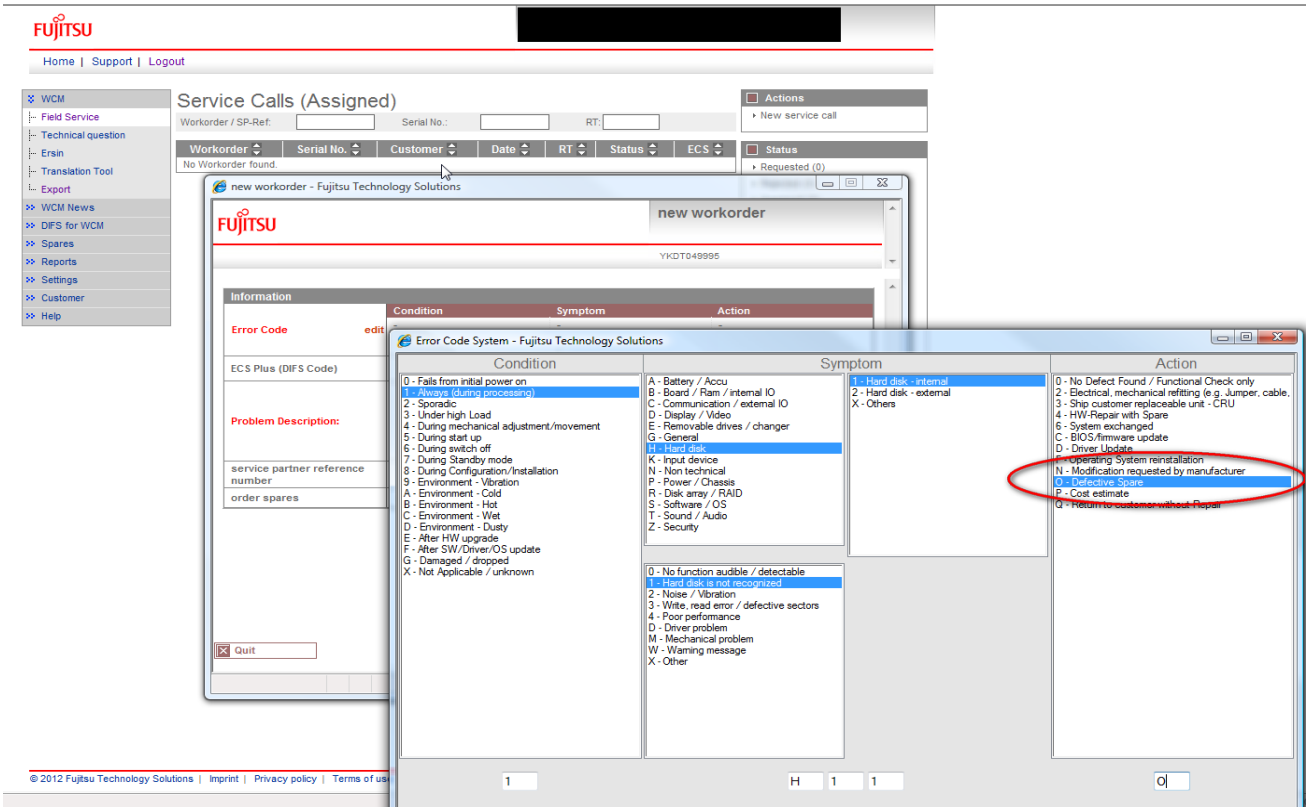


7. Claim for 2nd Flat Rate:
   7.1. Open a new Service Call for 2nd FR via HDA.
   7.2. Select the reason for the repeated repair.

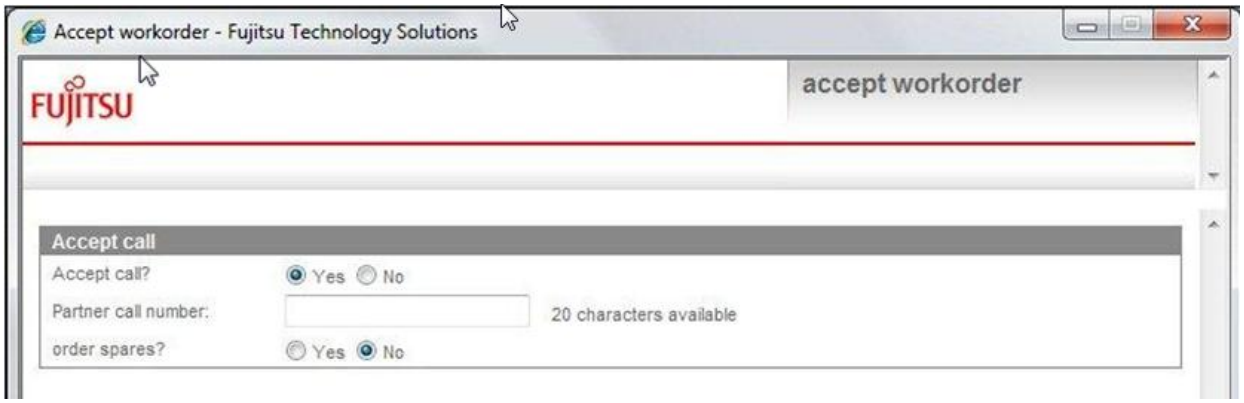




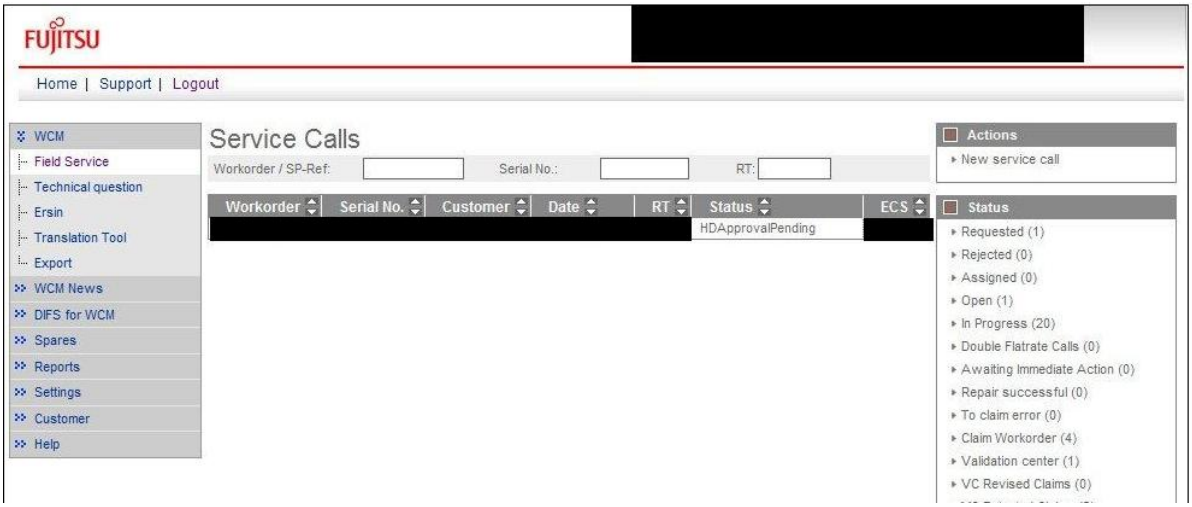
7.3. Select Action Code O „defective spare“



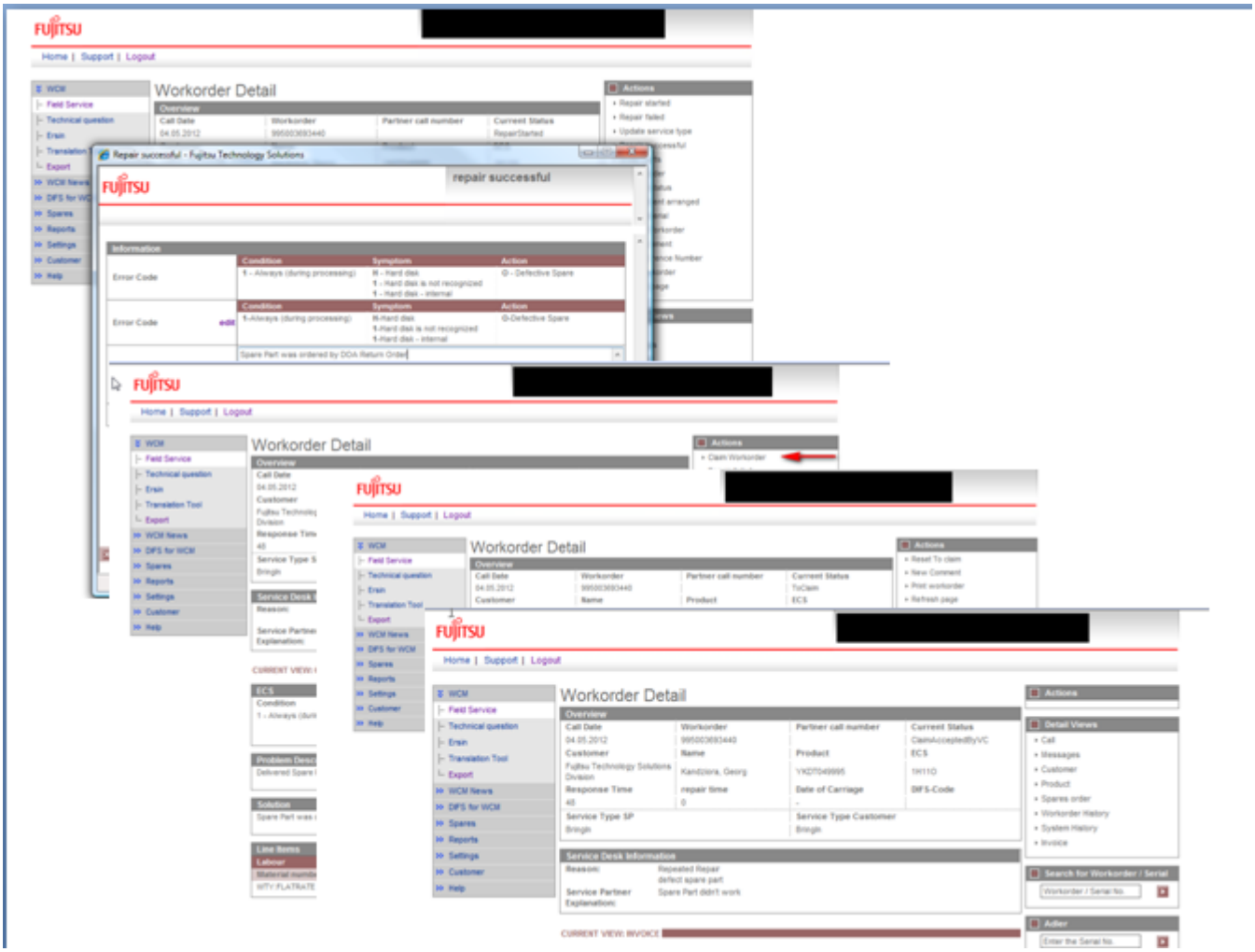
7.4. Go to Next without ordering spare parts. Don’t order spare part



7.5. Wait for Approval from Help Desk

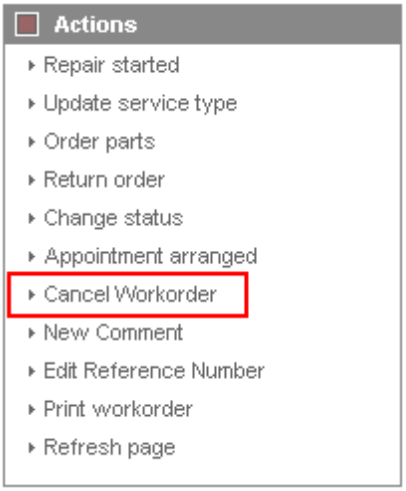


7.6. Repair Start, Repair Successful, Claim Workorder

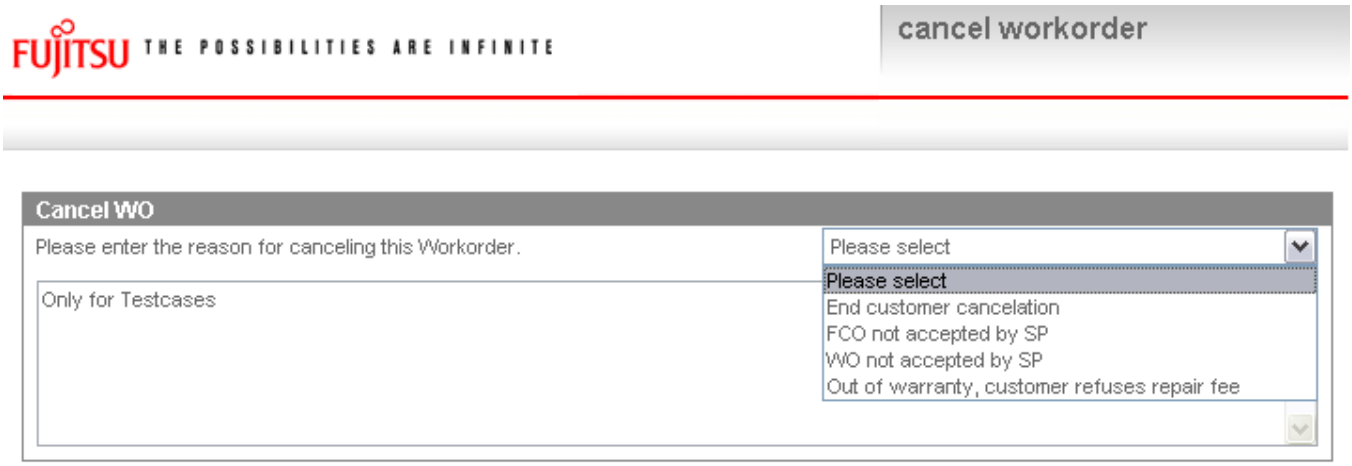


4.3 Cancellation of Work Order

You are able to cancel the Work Order until status “To Call”.
Use button <Cancel Work Order> on Action list.
If material has been ordered, please return it as good part return before you cancel the Work Order.
Material based on ADEX related orders please return by using the prepared Part Return Form on which you note “unused”.



In the following window you have to choose a reason for cancellation and enter a description.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cancel workorder
Cancel WO
Please enter the reason for canceling this Workorder.
Only for Testcases
Please select
Please select
End customer cancelation
FCO not accepted by SP
WO not accepted by SP
Out of warranty, customer refuses repair fee

4.4 Returning Spare Parts

4.4.1 Return order advise

Before sending parts back to FUJITSU Warehouse in Sömmerda, you have to advise the return in WCM.

4.4.1.1 ADEX Orders

In case of ADEX order, return order is already created. The part return form is printed and shipped with the ordered spare part.

Regarding the physical return process, please keep in mind the differentiation between RET-/RP-parts and N*-parts:

- R*-parts (WCM code is RET) have to be returned to FUJITSU.
- N-parts have only to be advised. Do not send these parts back to FUJITSU. BUT, good parts have to be returned to FUJITSU.
- NV parts are consumable parts and have only to be advised. Do not send these parts back to FUJITSU. Difference to N-parts: good part returns are not possible.

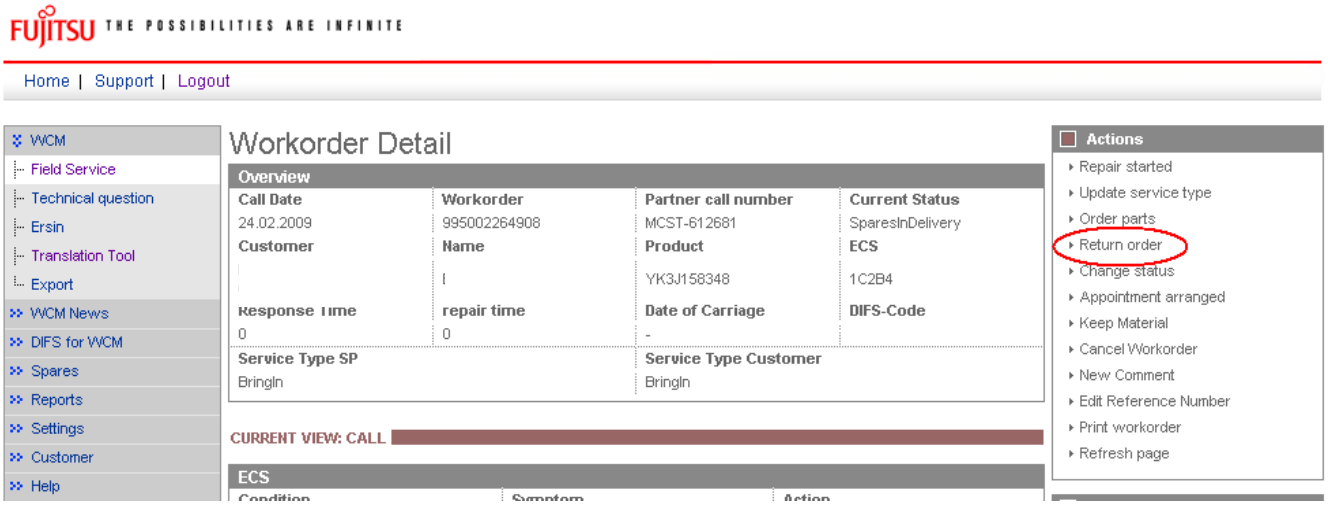
Detailed return terms are shown in the Maintenance Logistics Manual at http://partners.ts.fujitsu.com/com/service/general/service-spares/manual.

Only in case of an Advanced Exchange (ADEX), e.g. if you have ordered in maximum 6 parts, the return order number is created with the order already. The part return notification is done automatically and the return order is created already. The Part Return Form is included in the shipped package. Additionally it is available from PEC and can be printed from there up to 30 days for repairable parts and up to 10 days for non repairable parts.

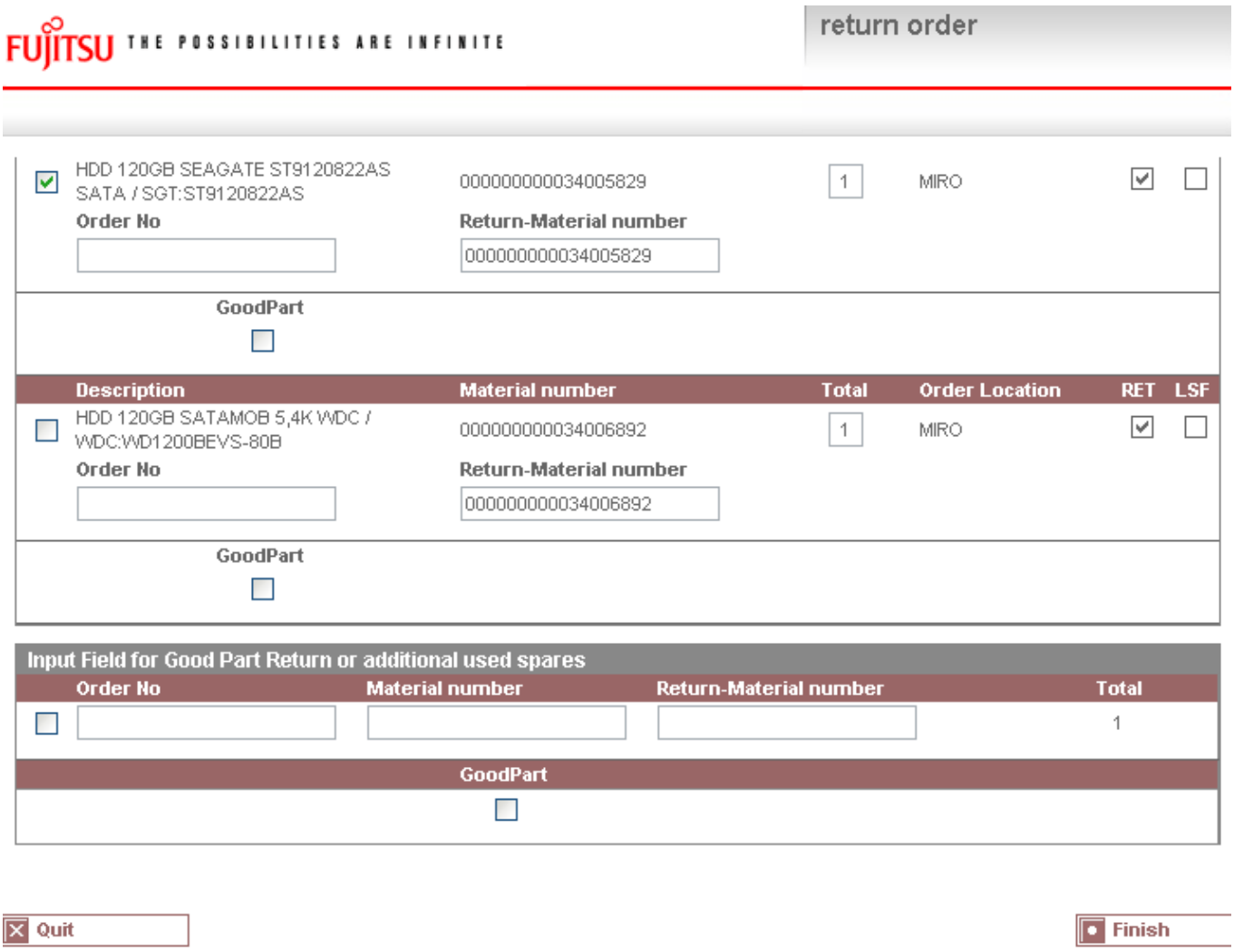
In case of Non ADEX orders you advise the return as follows:

4.4.1.2 Orders with more than one part

In case of Non ADEX orders (e. g. if more than 6 parts have been ordered) you advise the return as follows:



Mark the parts, which you want to advise (and send them back to FUJITSU, if RET-parts):



Click on <Finish> to close the window.
Now the parts are advised.

With a click on Material Status “Returned” you can see the return order number in the next window: Click on <Finish> to close the window.

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Home | Support | Logout

- WCM
  - Field Service
  - Technical question
  - Ersin
  - Translation Tool
  - Export
- WCM News
- DIFS for WCM
- Spares
- Reports
- Settings
- Customer
- Help

Workorder Detail

Overview

Call Date	Workorder	Partner call number	Current Status
07.05.2009	995002281078		OrderConfirmation
Customer	**Name**	**Product**	**ECS**
Fujitsu Siemens Computers GmbH	Schork, Robert	YK9B146670	2HM14
Response Time	**repair time**	**Date of Carriage**	**DIFS-Code**
0	0	-	

Service Type SP	Service Type Customer
BringIn	BringIn

CURRENT VIEW: CALL

ECS

Condition	Symptom	Action
2 - Sporadic	H - Hard disk M - Mechanical problem 1 - Hard disk - internal	4 - HW-Repair with Spare

Problem Description

,sdalsalfhldhflhflkhflakfafslkashfkeajf

Line Items

Material

Material number	Total	Status	Order No	RET-No	RET	ReturnCode	KeepMaterial
88037472	1	Proposed	8004649961	-	☑	-	☐
88037472	1	Confirmed	8004649961	-	☐	-	☐
88037472	1	Returned	8004649961	8137126962	☑	-	☐

Labour

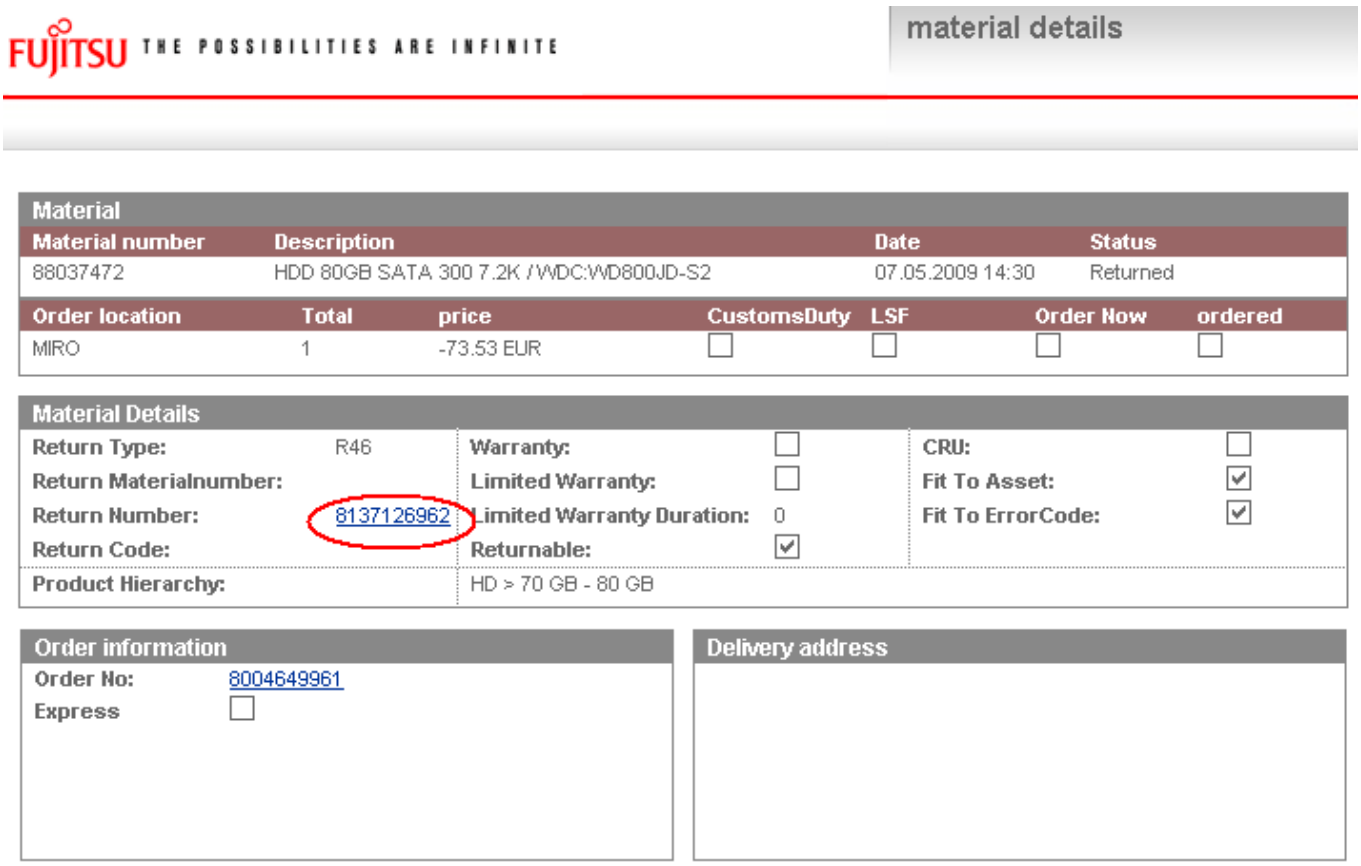
Material number	Status	Total	price
WTY:FLATRATE	OK	1	40.80 EUR

Act
- Repa
- Upda
- Orde
- Retu
- Char
- App
- Keep
- Can
- New
- Edit
- Print
- Refr

Det
- Call
- Mes
- Cust
- Proc
- Spar
- Wor
- Syst
- Invo

Sea
Wor

Ad
Ente

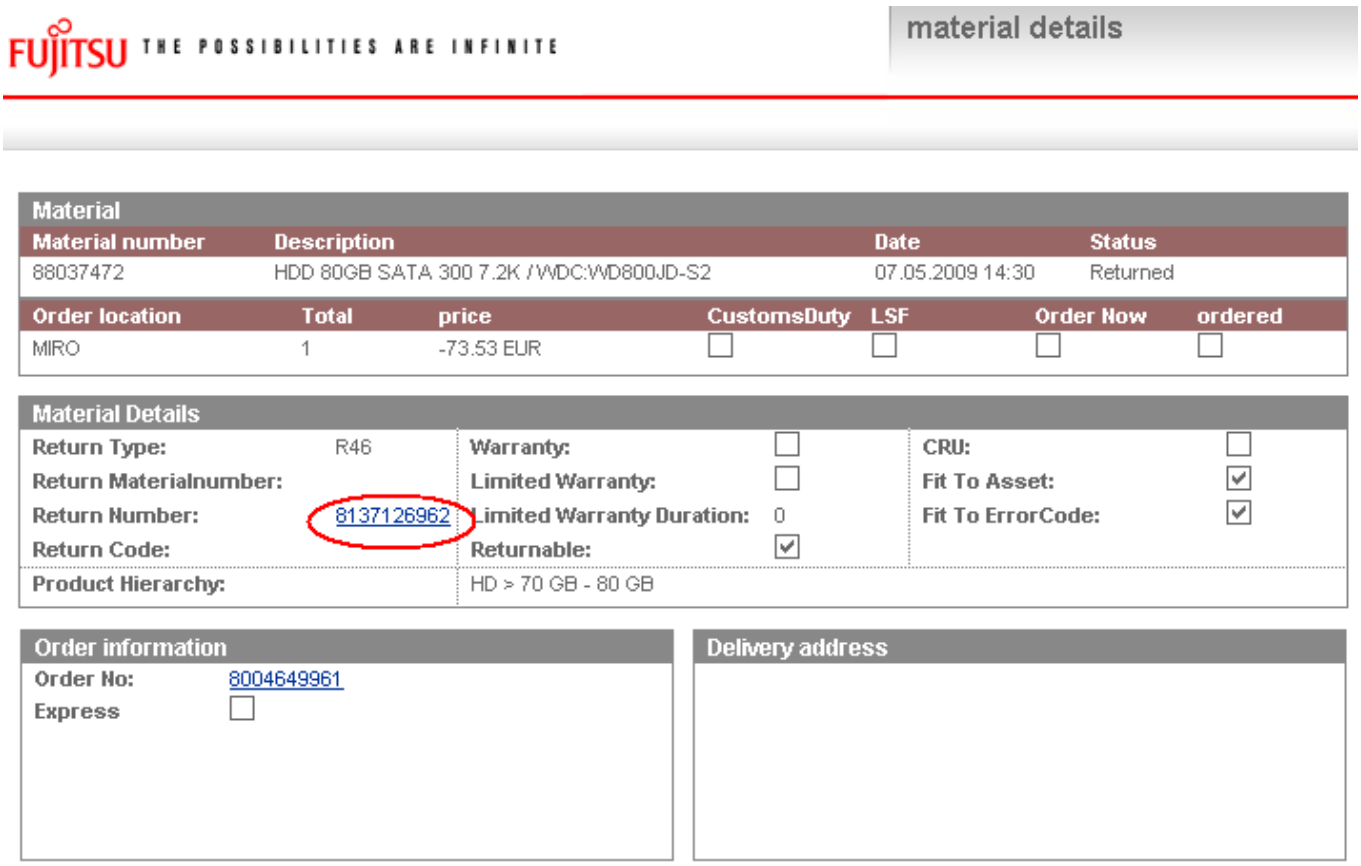


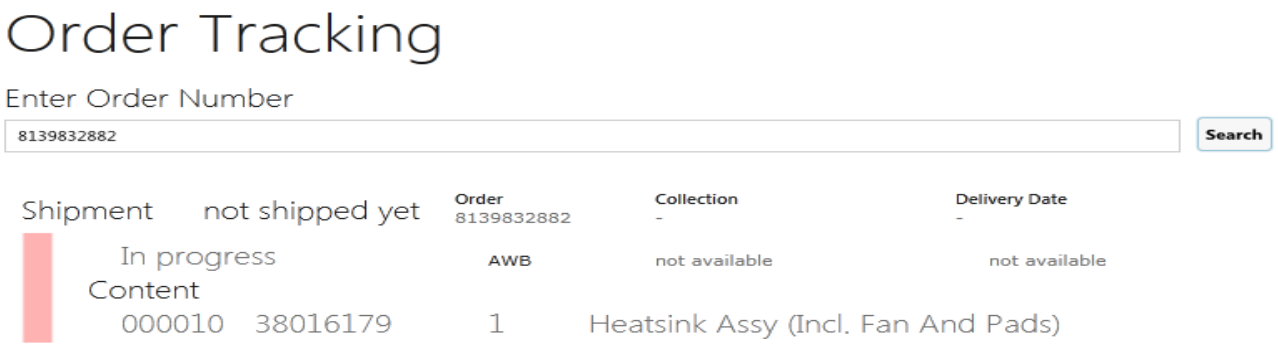
Click on the return number and you will be transmitted into PEC. Here you can print the PRF form, for sending back the defective parts (see chapter 4.4.2). The part return form is available for printing up to 10 days.

4.4.2 Physical part return

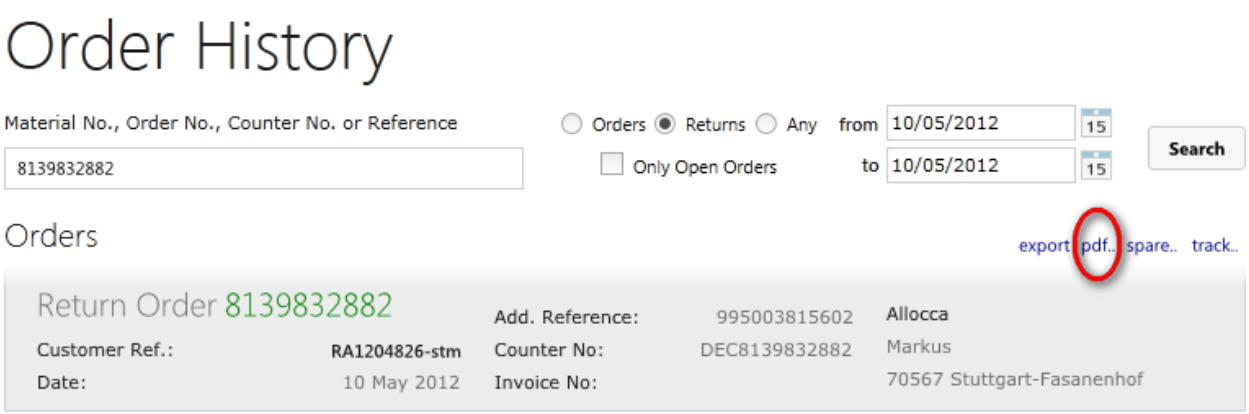
For the physical part return it is necessary to enclose the PRF-Form, which must be printed out of PEC. Clicking on the return order number, as described in chapter 4.4.1, you will be routed to PEC to section “order overview” in the ”order tracking” function (as shown in second screenshot).

Screen PEC:
Please have in mind this functionality is only available if initial settings in your Service Partner Profile have been maintained accordingly. See chapter 2.1



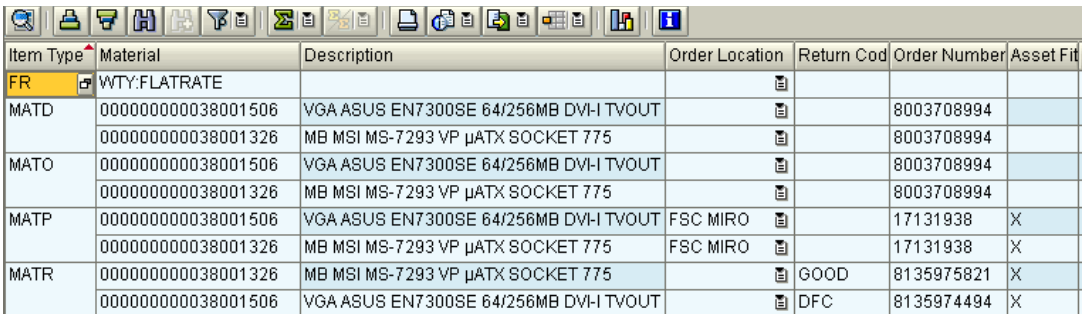


To reprint the Part Return Form PEC Users check the order history for the related Return Order Number, mark the displayed line and press the button “pdf”.



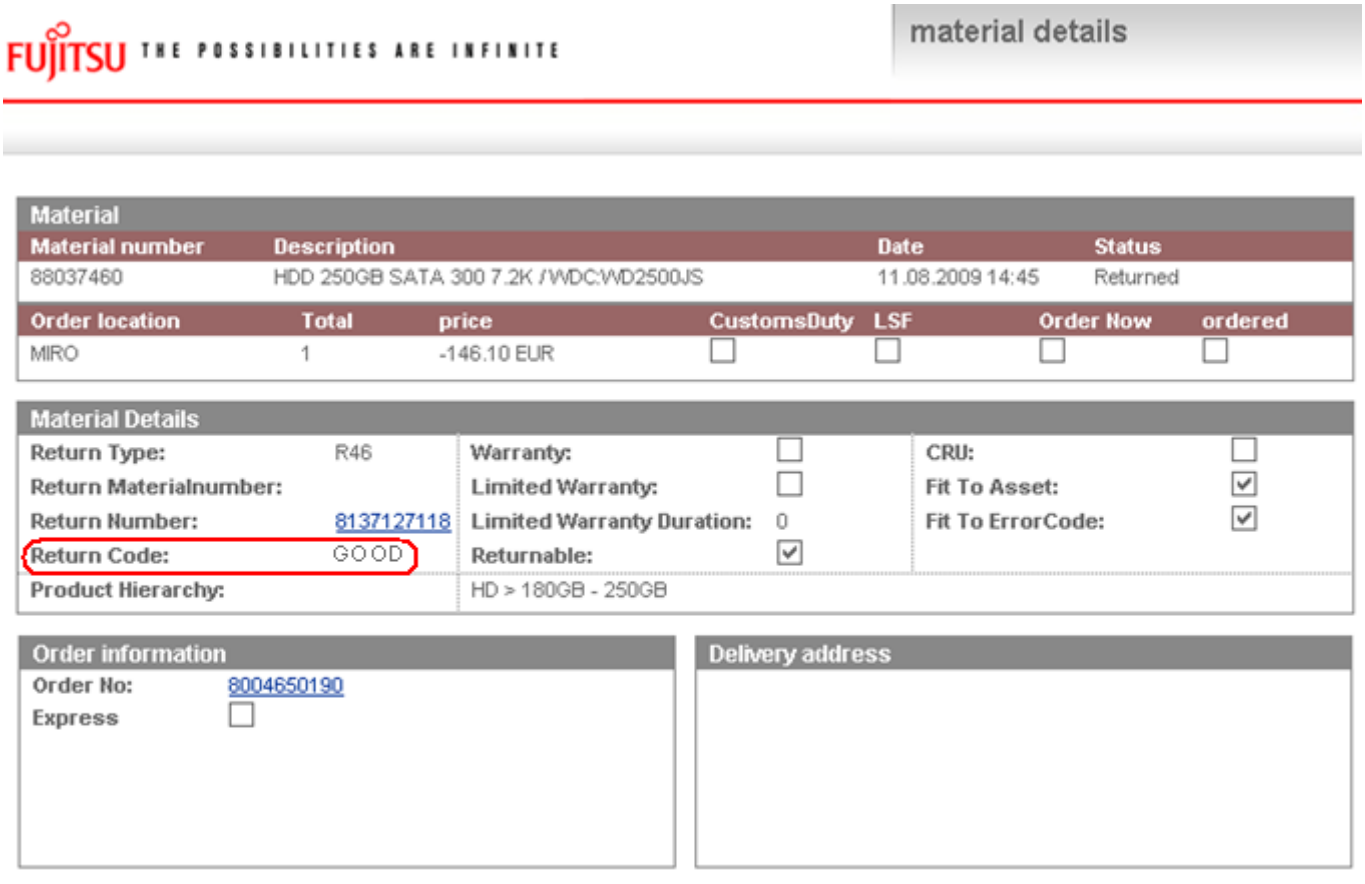
4.4.2.1 Return Code registration

The Return Order reasons announced by the Service Partner might have changed during the posting of the defective part in the reverse logistics in Sömmerda. E.g. the part might be send in as defective warranty return because the Part Return Form accompanying the spares packages of ADEX deliveries already carries this code. However if the parcel is resend in original packed status, FUJITSU can store it again without preceding repair loop. The intake is booked as good part return, the return code is changed accordingly.



Item Type	Material	Description	Order Location	Return Cod	Order Number	Asset Fit
FR	WTY:FLATRATE					
MATD	000000000038001506	VGA ASUS EN7300SE 64/256MB DVI-I TVOUT			8003708994	
	000000000038001326	MB MSI MS-7293 VP µATX SOCKET 775			8003708994	
MATO	000000000038001506	VGA ASUS EN7300SE 64/256MB DVI-I TVOUT			8003708994	
	000000000038001326	MB MSI MS-7293 VP µATX SOCKET 775			8003708994	
MATP	000000000038001506	VGA ASUS EN7300SE 64/256MB DVI-I TVOUT	FSC MIRO		17131938	X
	000000000038001326	MB MSI MS-7293 VP µATX SOCKET 775	FSC MIRO		17131938	X
MATR	000000000038001326	MB MSI MS-7293 VP µATX SOCKET 775		GOOD	8135975821	X
	000000000038001506	VGA ASUS EN7300SE 64/256MB DVI-I TVOUT		DFC	8135974494	X

Line item details in WCM WEB:



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material details

Material

Material number	Description	Date	Status
88037460	HDD 250GB SATA 300 7.2K /WDC:WD2500JS	11.08.2009 14:45	Returned

Order location	Total	price	CustomsDuty	LSF	Order Now	ordered
MIRO	1	-146.10 EUR	☐	☐	☐	☐

Material Details

Return Type:	R46	Warranty:	☐	CRU:	☐
Return Materialnumber:		Limited Warranty:	☐	Fit To Asset:	☑
Return Number:	8137127118	Limited Warranty Duration:	0	Fit To ErrorCode:	☑
Return Code:	GOOD	Returnable:	☑		
Product Hierarchy:		HD > 180GB - 250GB			

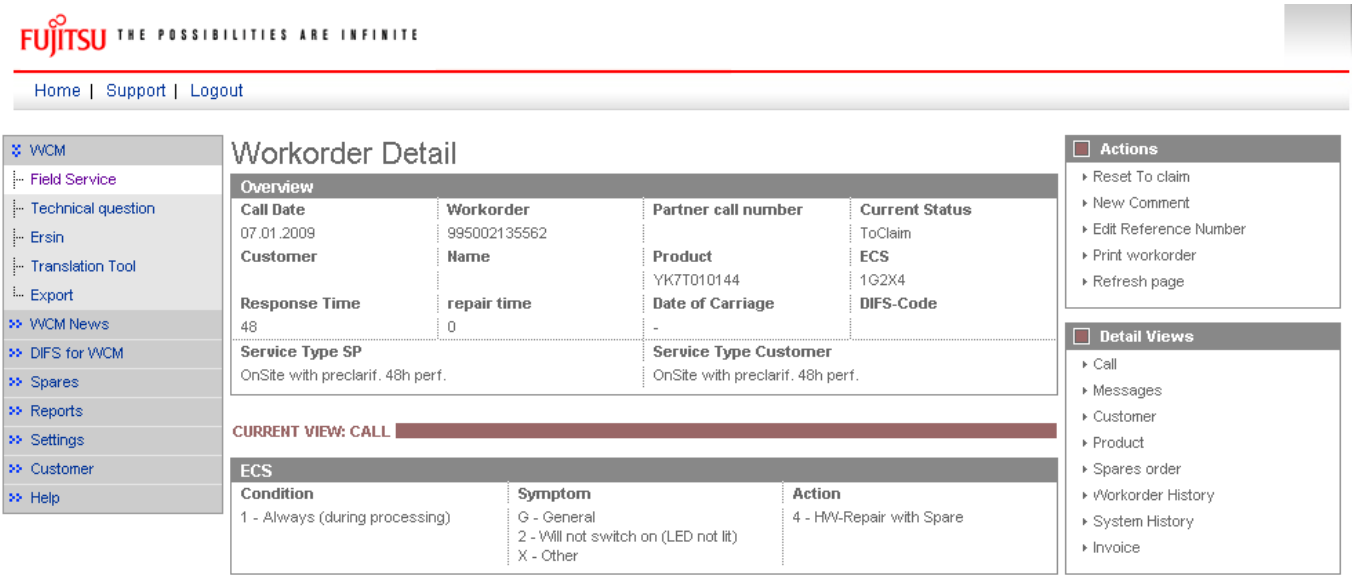
Order information

Order No: 8004650190

Express ☐

Delivery address

If the field service display in the user settings is maintained accordingly, the return code can be displayed in the Work Order Details as well:



Line Items

Material

Material number	Total	Status	Order No	RET-No	RET	ReturnCode	KeepMaterial
34009638	1	Proposed	8004818429	-	☑	-	☐
34009670	1	Proposed	8004803728	-	☑	-	☐
34009638	1	Proposed	8004796314	-	☑	-	☐
88037112	1	Proposed	8004787442	-	☐	-	☐
34009638	1	Confirmed	8004818429	-	☐	-	☐
34009670	1	Confirmed	8004803728	-	☑	-	☐
34009638	1	Confirmed	8004796314	-	☑	-	☐
88037112	1	Confirmed	8004787442	-	☐	-	☐
34009638	1	Despatched	8004818429	8137341891	☐	-	☐
34009670	1	Despatched	8004803728	8137323921	☑	-	☐
34009638	1	Despatched	8004796314	8137314580	☑	DFC	☐
88037112	1	Despatched	8004787442	8137303972	☐	DFC	☐
34009638	1	Returned	8004818429	8137341891	☑	GOOD	☐
34009670	1	Returned	8004803728	8137323921	☑		☐

4.4.3 Return orders in case of alternative material taken from own stock

The material number in the spare part proposal in WCM may differ from the material number delivered by FUJITSU spares operations if alternative parts are supplied. WCM and the spares application will take this into consideration in the fit to asset check during the return order process.

You may use alternative parts (original FUJITSU material) from own stock as well as long as the part is defined as alternative spare part for the related asset in the spare part catalog. You can check this out using the Translation Tool check function described in chapter 1.1.8 Selecting Spare Parts with 'Translation Tool' (virtual Fit-to-Asset Check).

4.4.4 Return orders for out-of-warranty systems

In case a Service Partner wants to return material, which has been used for an out-of-warranty repair PEC should be used. Defective part return will be credited with a 'residual credit', if some applies to the part. At the PEC start page navigate via 'Spare Parts' to 'Returns' and choose 'Return Defective'. Detailed information is available from the PEC Manual chapter 4.3.2.

4.4.5 Return orders for Work Orders after 30 days

For each material (N* and R*-parts) in WCM WEB return orders can be created within 30 days after the repair start date, including order number, ordered material and returned material number. To insure full material credit is granted, it is recommended to acknowledge the regional deadlines for part returns which may be shorter than 30 days. Please refer to the deadlines mentioned in previous chapter.

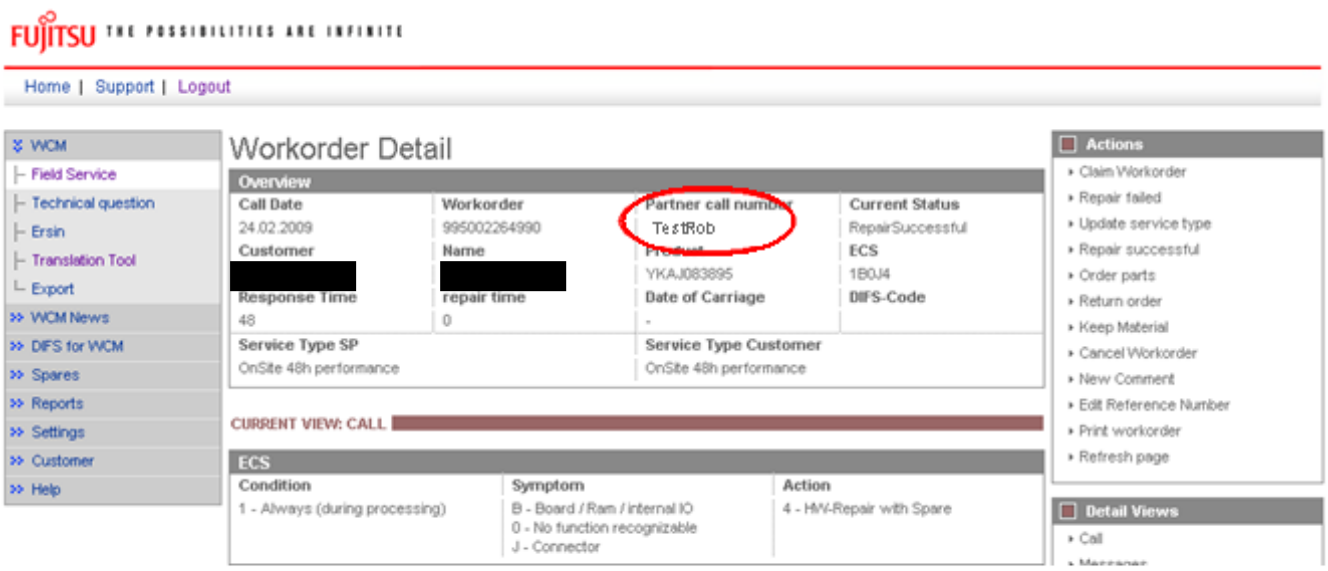
The repair start date will be considered. If no start date is available yet, the Work Order Call Date is retrieved. If a defined threshold is exceeded (currently 30 days), the MIRO Warranty check result is negative and a new warning message appears in PEC:
"WCM-Error (Work Order older than 30 days No return order allowed)"

[1)] value set April 2011

FUJITSU THE POSSIBILITIES ARE INFINITE
return order
Returnorder
The return period for the material has expired.
To proceed please choose option 'Keep Material'.

4.4.6 Claim Reference on Part Return Form.

The partner internal call number/text recorded by the Service Partner as Claim Reference is displayed on the Part Return Form for all Product Warranty Returns.



Confirmation - Product Warranty Return

Delivery Address:
Fujitsu
Spares Supply Center
Rampe 17 + 18
Erfurter Höhe 8
99610 Sömmerda
Germany

1CDEC8134353898

Customer Nr.: 001126[redacted]
Return Order Nr.: 8134353898

Customer: [redacted]
GmbH
[redacted]
Germany

RMA Nr.: DEC8134353898

User: Webservice WCM
Phone: +49-(0)1805-003[redacted]
Fax: +49-(0)3634-330[redacted]
E-mail: spares@fujitsu-siemens.com

Your Reference: TestRob
Additional reference: 995001400007
Identity Nr.: YBCM234345

Service Partner Claim Reference recorded in WCM WEB by Service Partner.

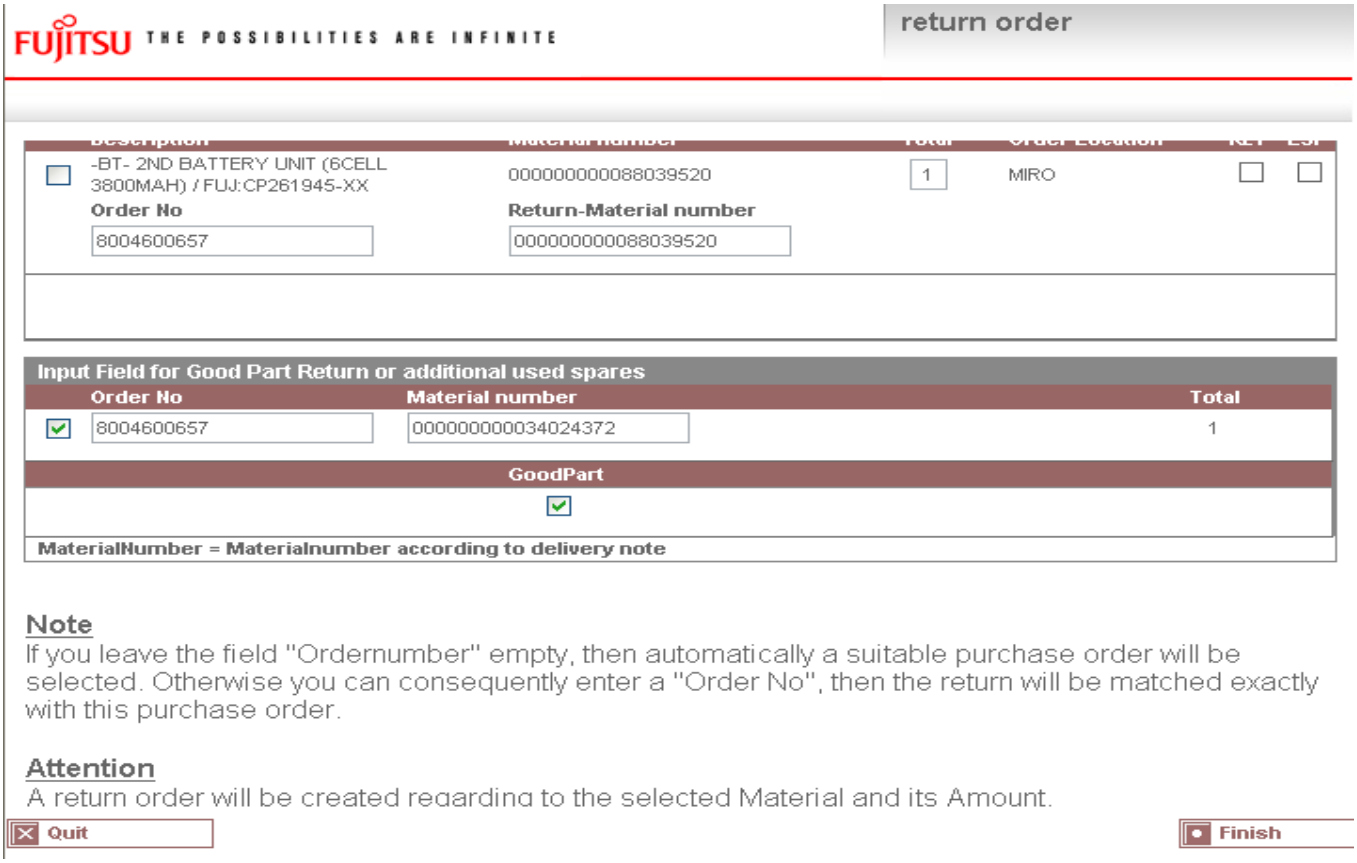
Defect Type:

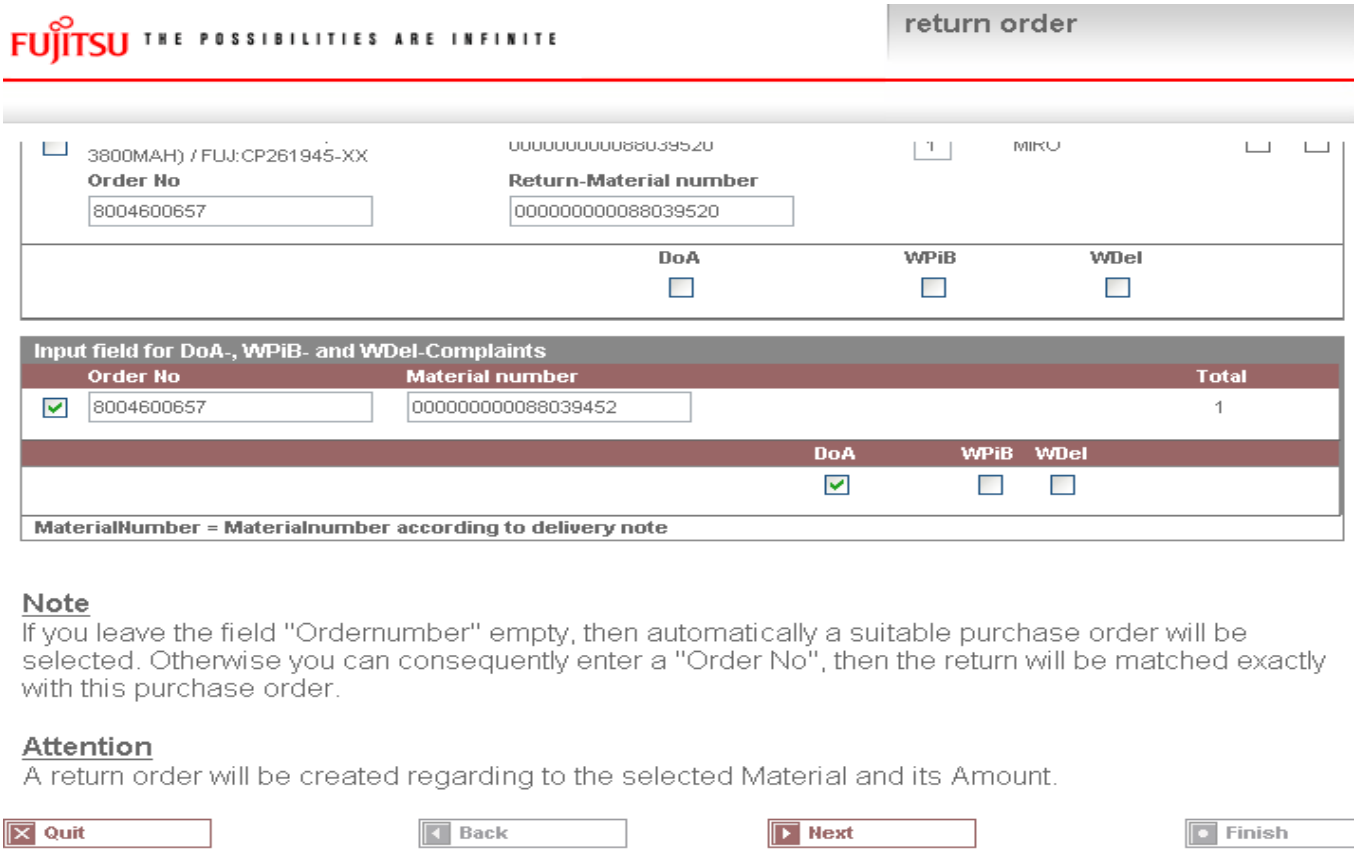
Material Nr. / Part Nr. Description	Quantity	Credit Price
88031660 / WDC:WD800BB HDD 80GB ATA 7,2K	1 ST	78.97 EUR

Total Credit (VAT not included): **78.97 EUR**

4.4.7 Fill return mask in WCM WEB

The data for return orders in complaint processes or good part return are prefilled after selecting the return option. Example, for details see 4.6 below.

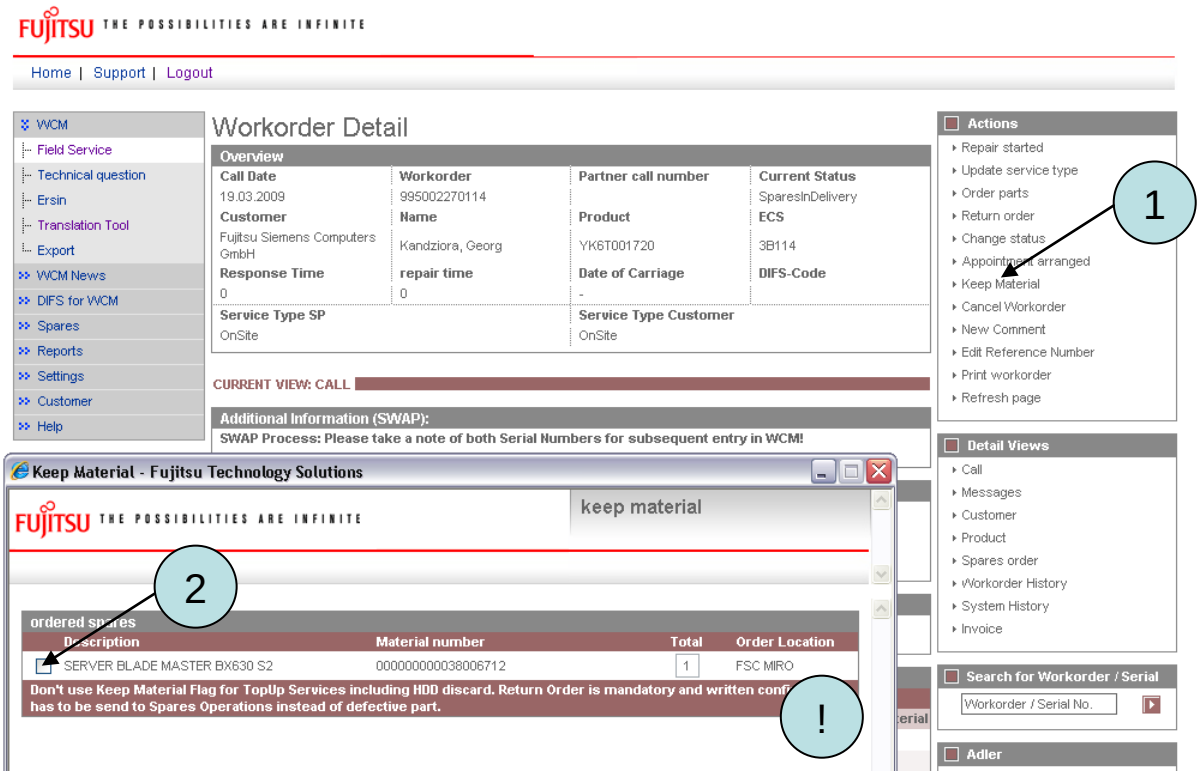

FUJITSU THE POSSIBILITIES ARE INFINITE
return order
-BT- 2ND BATTERY UNIT (6CELL 3800MAH) / FUJ:CP261945-XX
000000000088039520
1
MIRO
Order No
8004600657
Return-Material number
000000000088039520
Input Field for Good Part Return or additional used spares
Order No
Material number
Total
8004600657
000000000034024372
1
GoodPart
MaterialNumber = Materialnumber according to delivery note
Note
If you leave the field "Ordernumber" empty, then automatically a suitable purchase order will be selected. Otherwise you can consequently enter a "Order No", then the return will be matched exactly with this purchase order.
Attention
A return order will be created regarding to the selected Material and its Amount.
Quit
Finish



4.5 Keep material flag

4.5.1 Customer keeps material

On line item please mark single spare parts kept by the customer.



Service Partners maintaining systems with Top Up Warranty including HDD discard (“Service mit Datenschutz” if sold in Germany) shall not use this function as those return orders shall not be cancelled. WCM WEB is giving instructions on the bottom line of the keep material screen.

For orders updated with the keep material flag no return order is expected.

As for each ADEX order a return order already exists, the keep material flag triggers an automated info mail to Order Processing Spares. Order Processing Spares will cancel the return order.
With Cancellation the return code CANCL is transferred to WCM WEB.

A new flag on line item level is added. You can change setup as in chapter 2.3 Edit line items display described. The flag is set in the “despatched” line if ordered in PEC and in “proposed” line if it is an own stock order (see below 4.5.2 “Own stock material kept”)

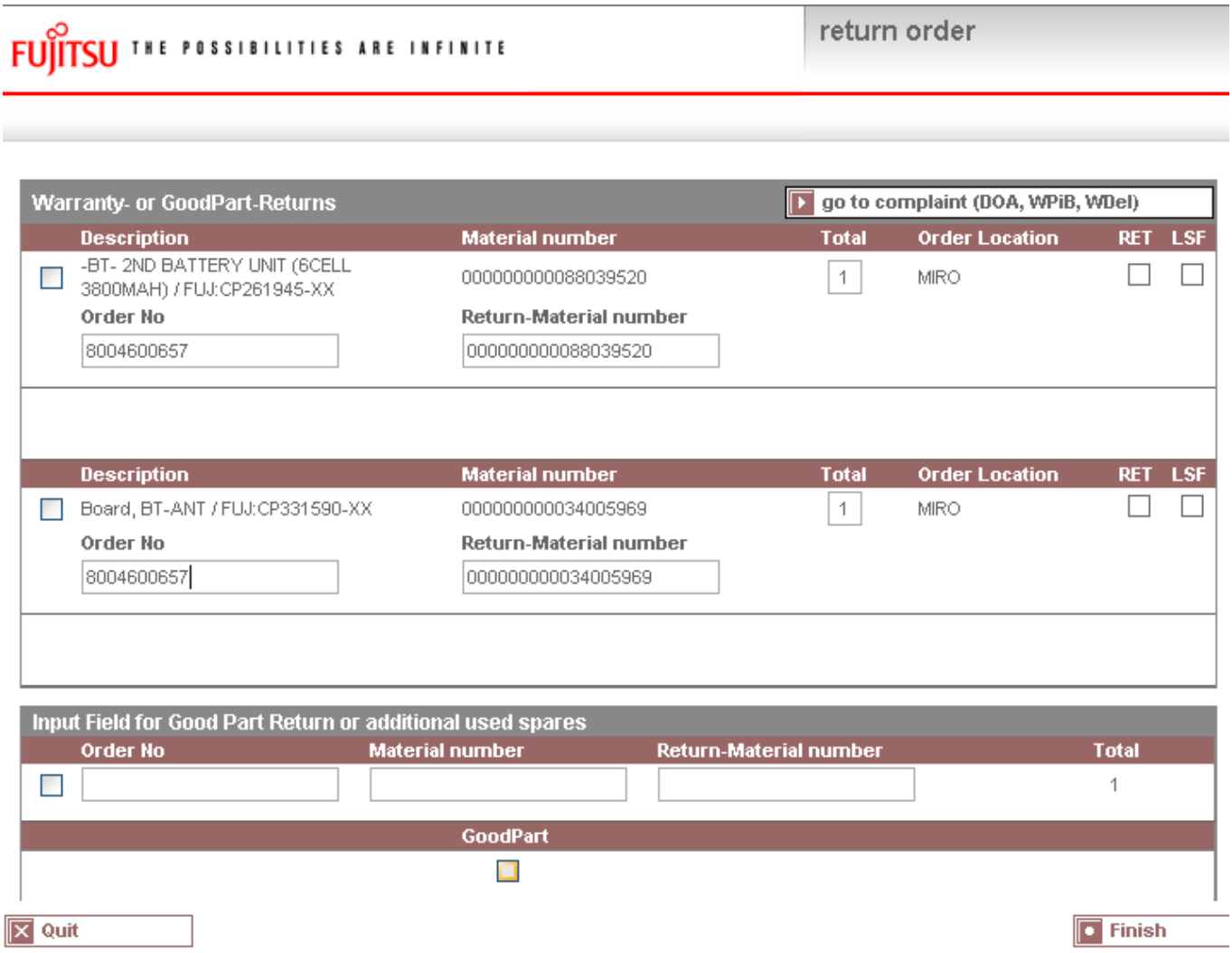
4.5.2 Own stock material kept

As WCM supports the SP to create return orders for all ordered spare parts, a warning message is displayed if the SP claims before all return orders have been created. See 5.1.2 ToClaimError. For parts ordered from own stock this means you have to set the keep material flag for all parts proposed but not used for the incident.

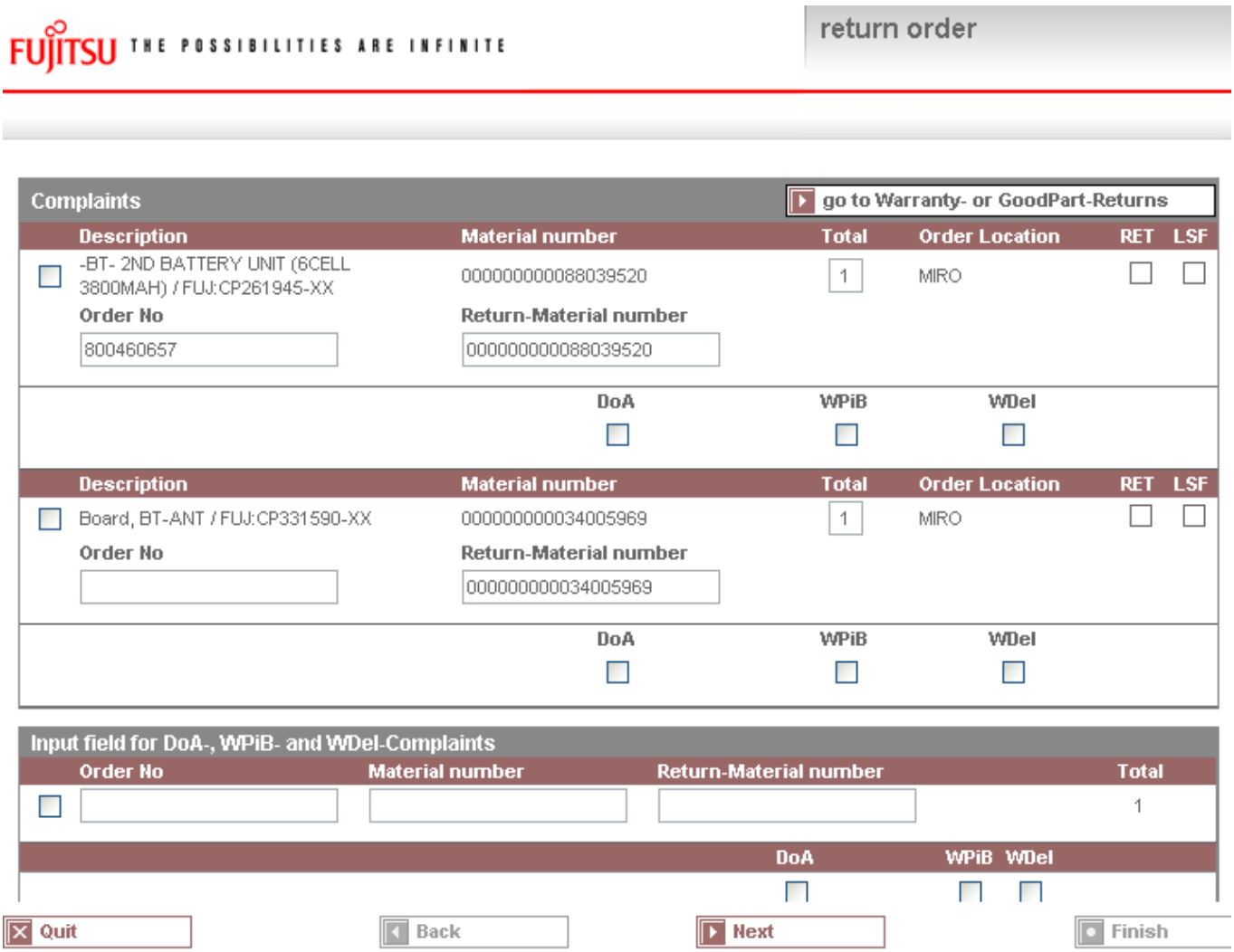
4.6 Good part return and complaints (DOA, WPIB and WDel)

With action “Return order” you get the following screens. You can choose between creation of “Good part” return or complaint cases “DOA” (spare part is dead on arrival), “WPIB” (wrong part in box) and “WDEL” (Wrong delivery).

As a default the defect return and the Good Part return function is displayed. If you want to switch to the complaint orders (DOA, WPiB, WDEL) please press the bar “go to Complaint”.

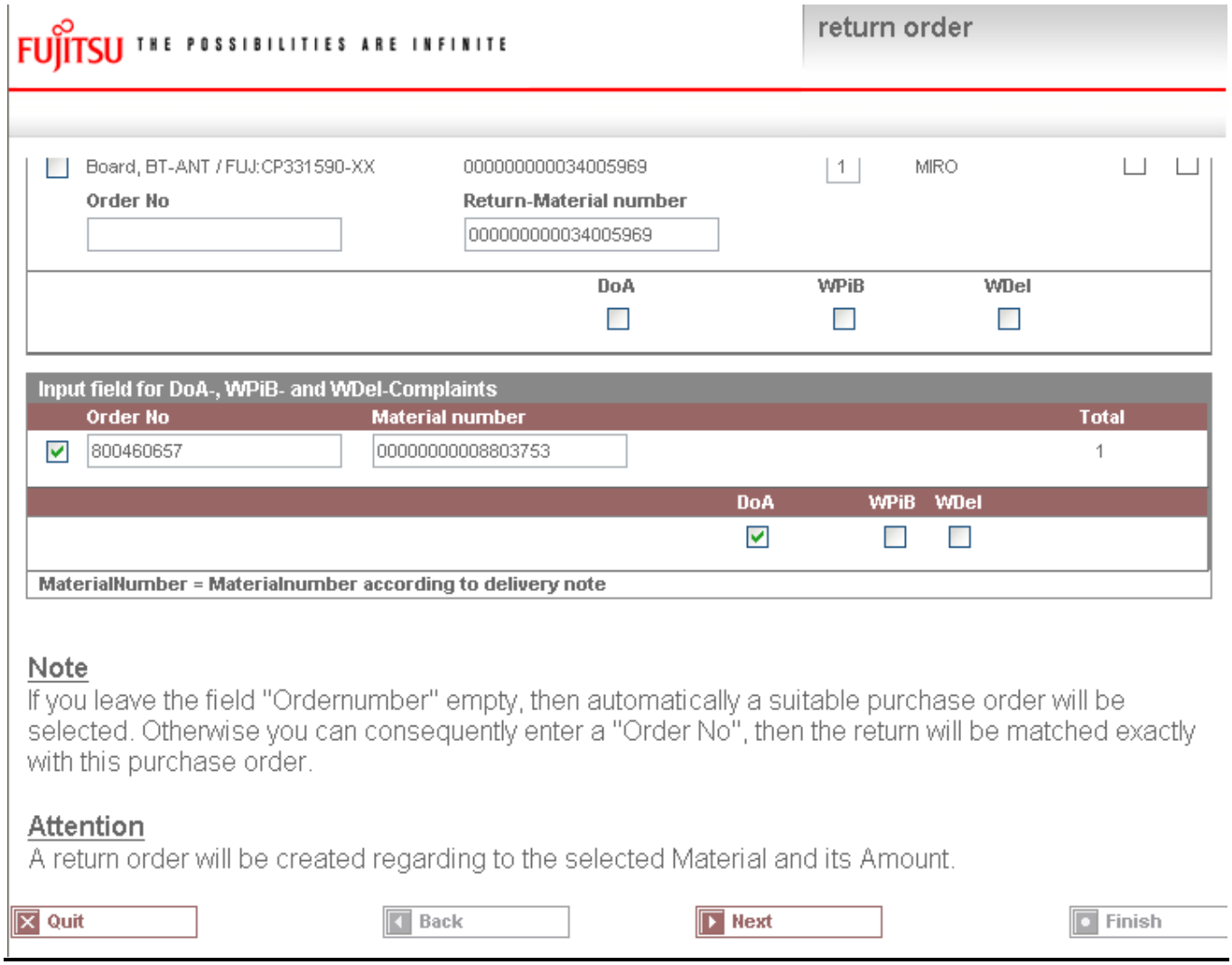


After pressing the bar “go to Complaint”, the order options displayed change:



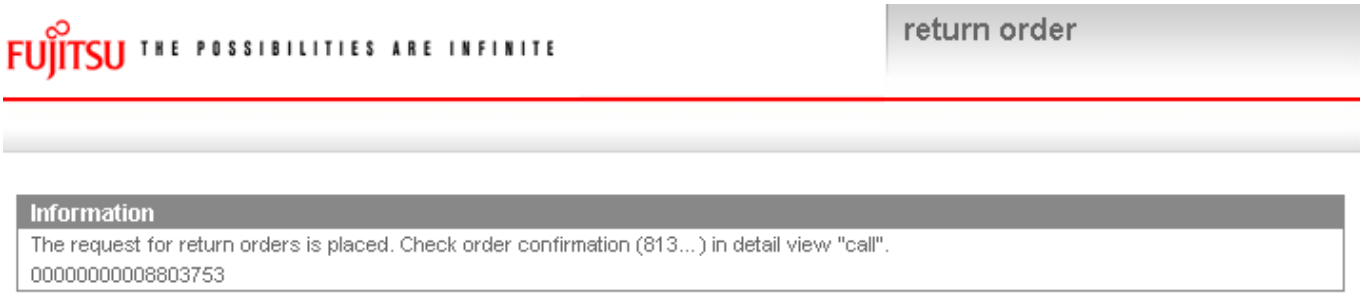
With choosing one of the complaint buttons a new line is shown. The order number is pre-filled.
The data for return orders in complaint processes or good part return are pre filled after selecting the return option.

4.6.1 Dead on arrival (DOA):



Enter the order number which the DOA return refers to. Then click on <Finish>

As confirmation you receive the following screen:


FUJITSU THE POSSIBILITIES ARE INFINITE
return order
Information
The request for return orders is placed. Check order confirmation (813...) in detail view "call".
00000000008803753

Remember:
If you only mark the little box in front of the description a normal warranty return order is created.

4.6.2 Workaround for DOA after repair finished

Once a Work Order is claimed, no more Spare Part Returns can be added. The DOA handling described in 4.6.1 is not possible. In case the new part is working right after the break fix, but fails again in between the spare part warranty period (185 days) a complaint order for Part Warranty Return / Dead on arrival can be opened in PEC as described below. This order process only works for spare part complaints of parts previously ordered as ADEX order. Complaint orders for previous standard spare part orders can be done without Work Order reference only.

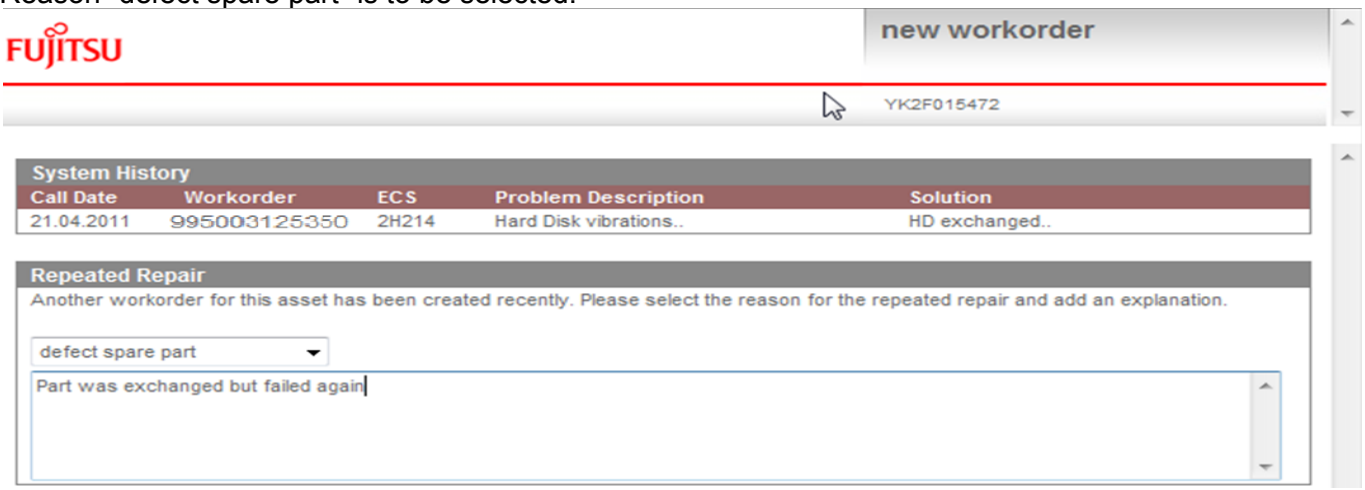
4.6.2.1 Part Warranty DOA Complaint Order to replace a previous delivery on ADEX order

1. Former Repair:

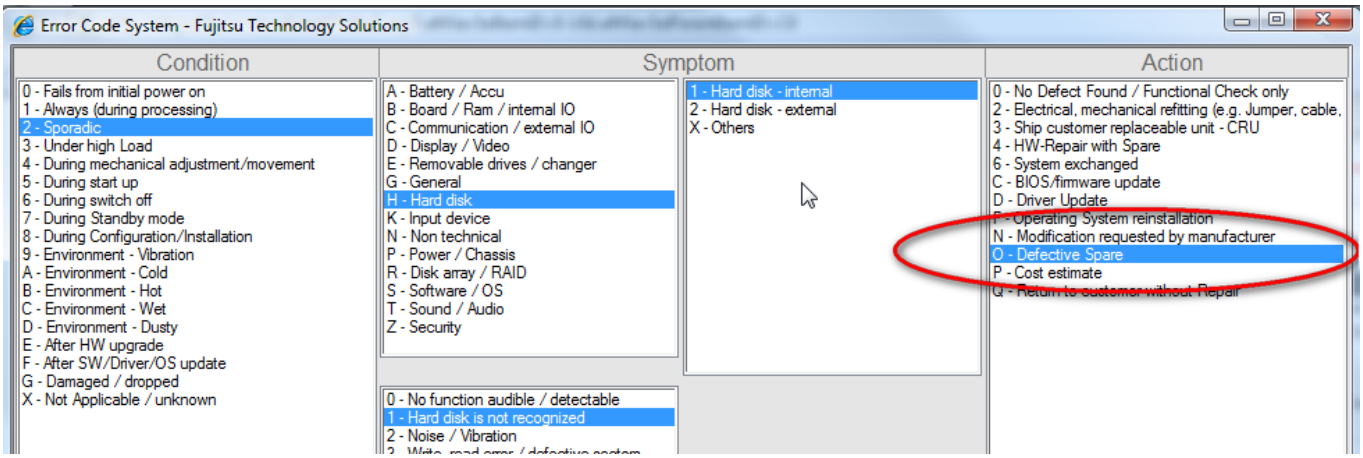
Service Partner opened WO 995003125348 with order 8006226945. After repair finish and return of the defect part the WO was claimed. But the part failed again subsequently.

2. Subsequent DOA Repair:

A new Work Order 995003125350 is opened. If this happens in between the frozen zone, the Help Desk Approval Process applies as described in Chapter 3.5.2.2 Repeated Repair. The Repeated Repair Reason “defect spare part” is to be selected.



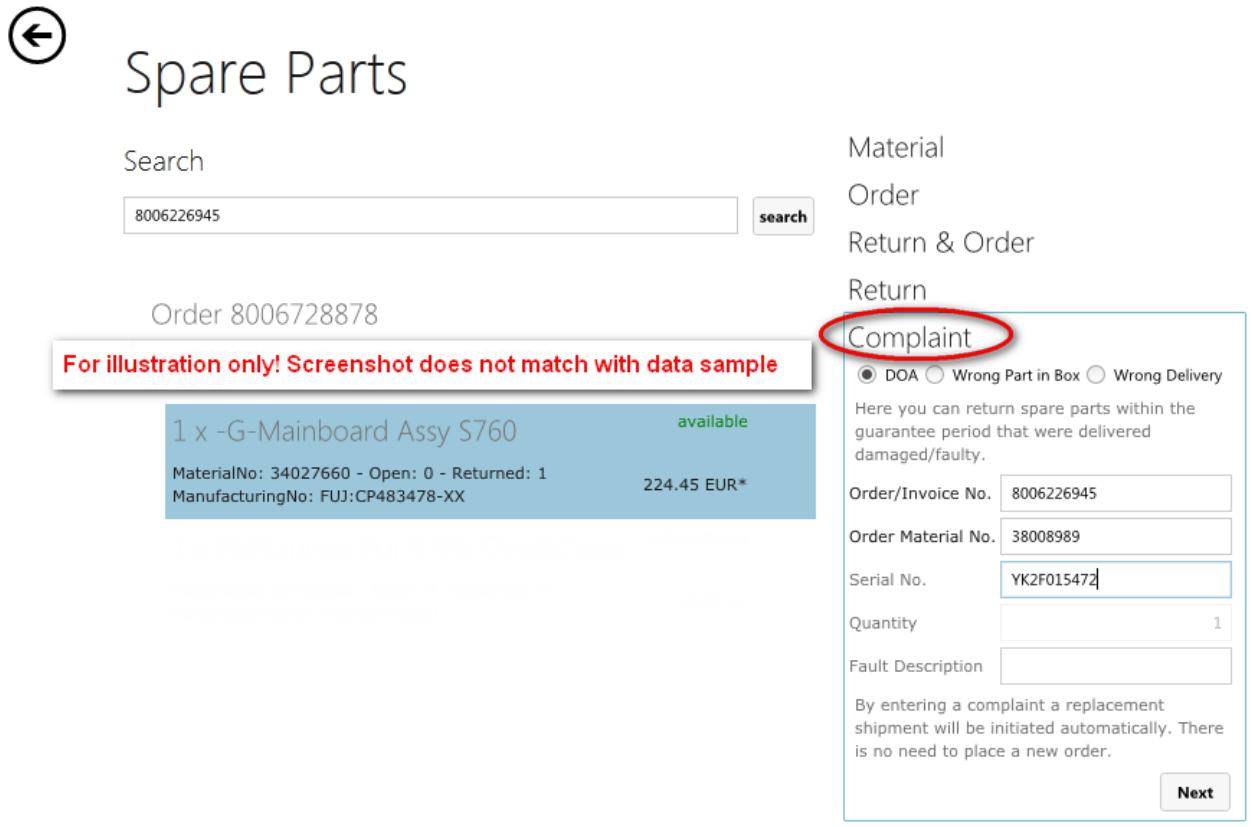
The ECS error code **in WCM WEB** must include the Action Code O - DEFECTIVE SPARE. The Error Description has to be entered with prefix “DOA:”


Error Code System - Fujitsu Technology Solutions
Condition
Symptom
Action
0 - Fails from initial power on
1 - Always (during processing)
2 - Sporadic
3 - Under high Load
4 - During mechanical adjustment/movement
5 - During start up
6 - During switch off
7 - During Standby mode
8 - During Configuration/Installation
9 - Environment - Vibration
A - Environment - Cold
B - Environment - Hot
C - Environment - Wet
D - Environment - Dusty
E - After HW upgrade
F - After SW/Driver/OS update
G - Damaged / dropped
X - Not Applicable / unknown
A - Battery / Accu
B - Board / Ram / internal IO
C - Communication / external IO
D - Display / Video
E - Removable drives / changer
G - General
H - Hard disk
K - Input device
N - Non technical
P - Power / Chassis
R - Disk array / RAID
S - Software / OS
T - Sound / Audio
Z - Security
1 - Hard disk - internal
2 - Hard disk - external
X - Others
0 - No function audible / detectable
1 - Hard disk is not recognized
2 - Noise / Vibration
0 - No Defect Found / Functional Check only
2 - Electrical, mechanical refitting (e.g. Jumper, cable,
3 - Ship customer replaceable unit - CRU
4 - HW-Repair with Spare
6 - System exchanged
C - BIOS/firmware update
D - Driver Update
F - Operating System reinstallation
N - Modification requested by manufacturer
O - Defective Spare
P - Cost estimate

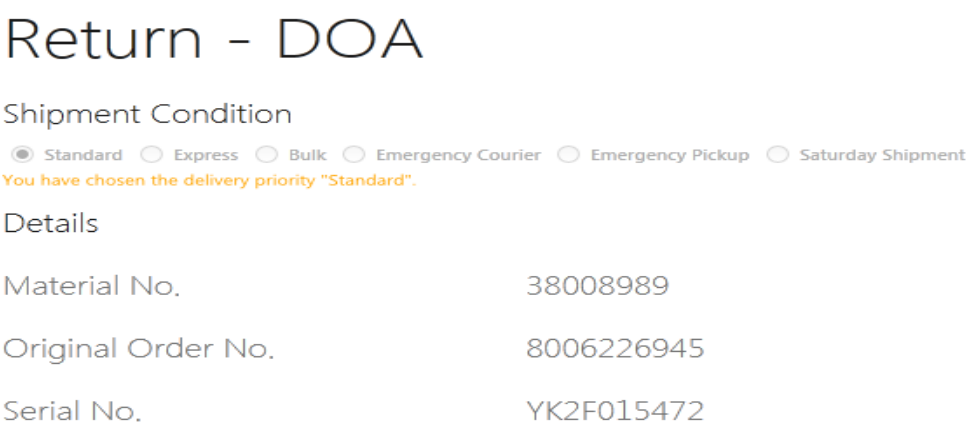
No spare part shall be ordered in WCM WEB! Not from Own Stock nor from MIRO.

After the Help Desk approved the Work Order, a DOA complaint order can be opened for the original ADEX order 8006226945 in PEC.

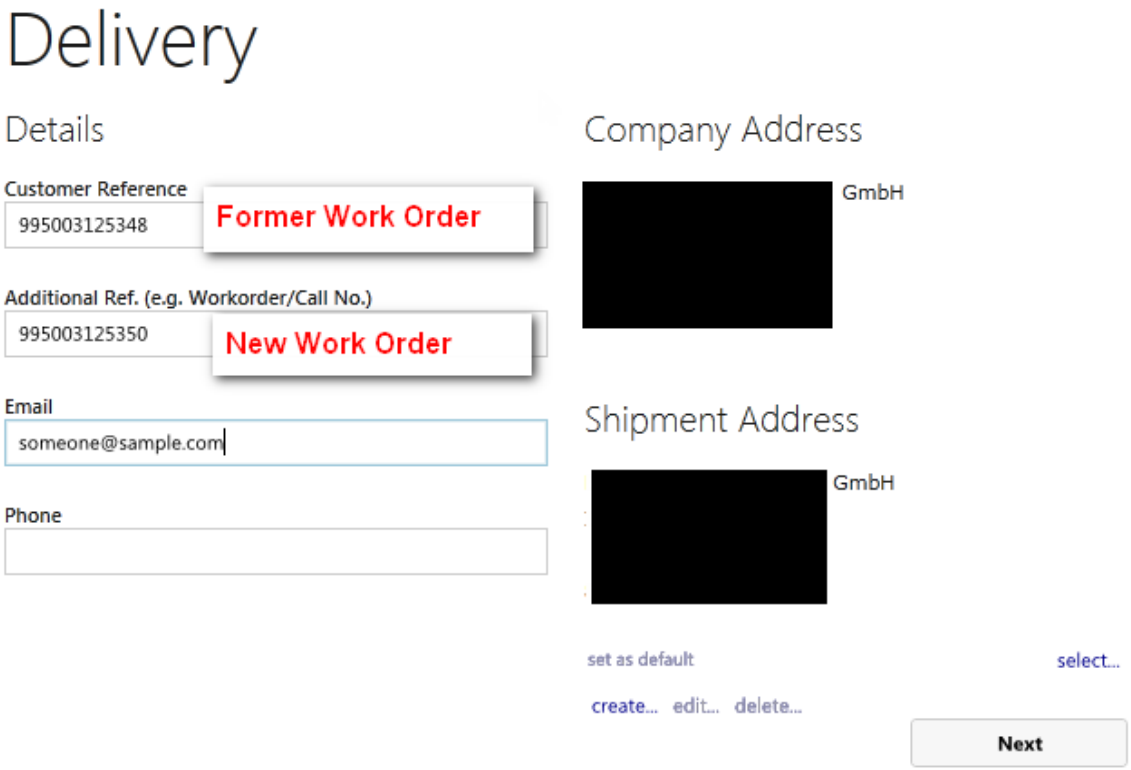
Enter the Order Number in the navigation area ‘Spare Parts’, select the displayed line and click on the material line displayed below. Select Complaint ‘DOA’ and enter the Serial Number of the repair asset.



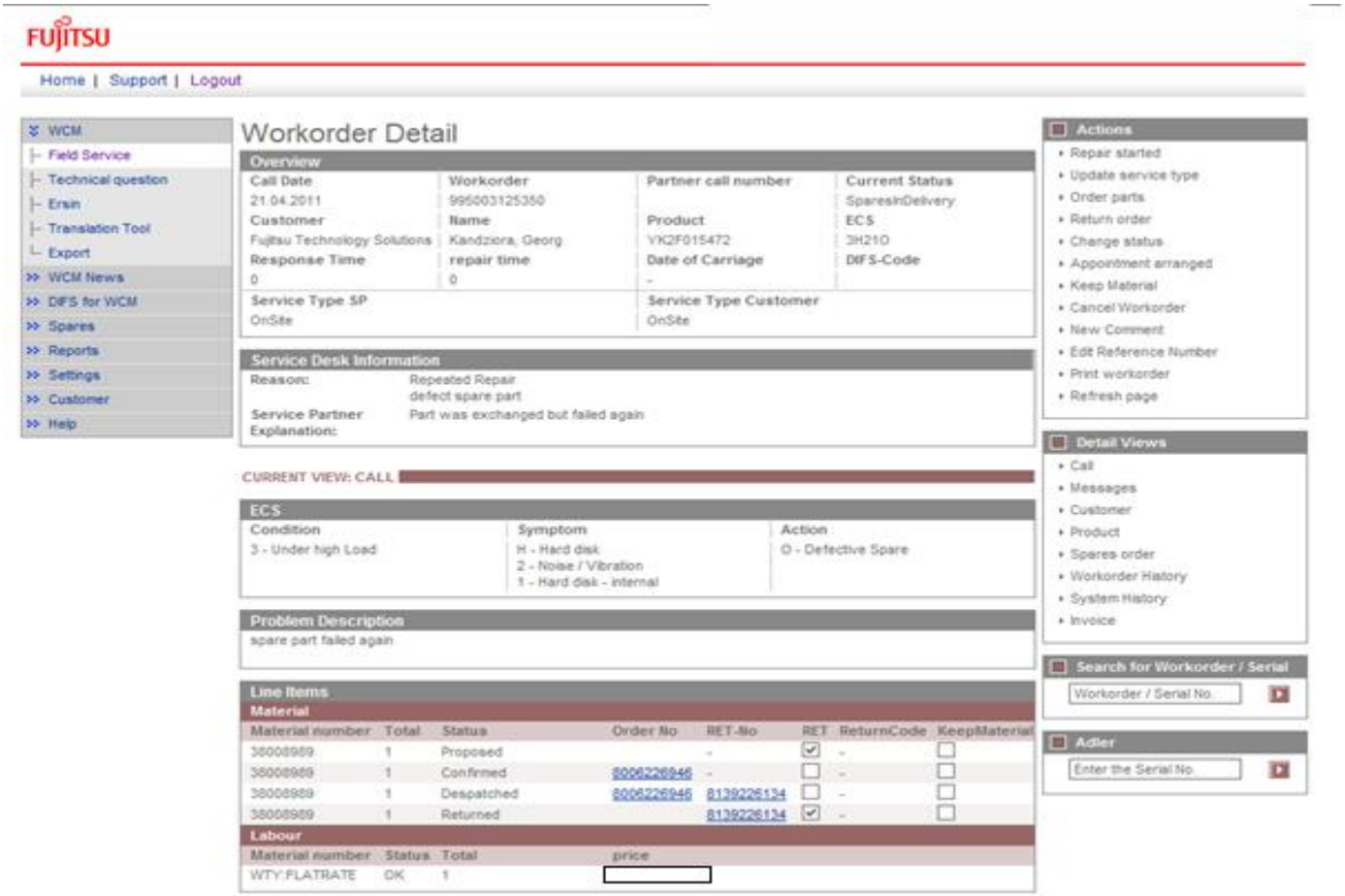
Please acknowledge, this is an illustration only. Screenshot does not match the data sample.
Go to Next.



Select the shipment condition and go to Next.



Miro will update automatically the WCM Work Order by Order Confirmation, Dispatch Information and Return Order Number. Thus the Work Order can be claimed as usual.



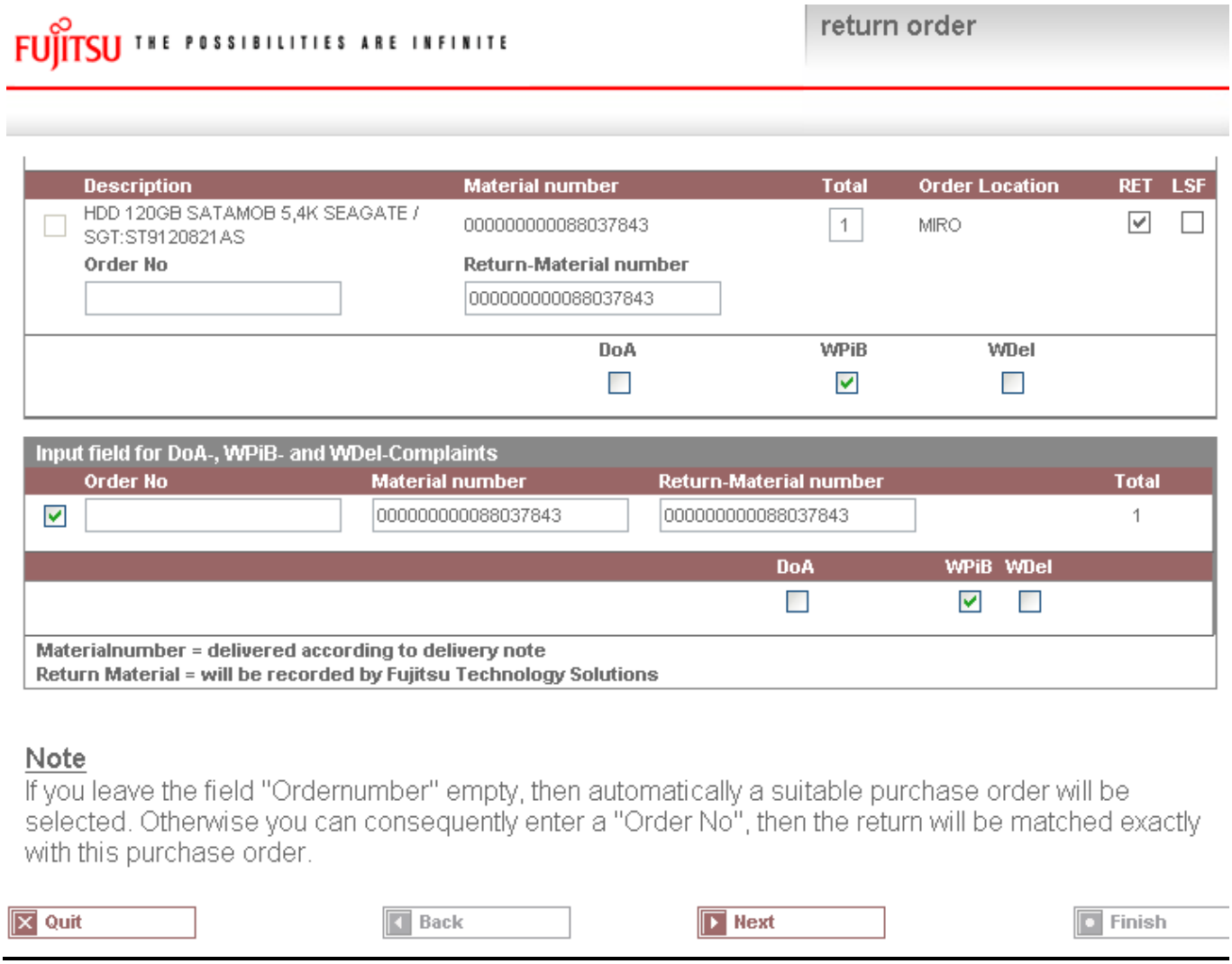
4.6.2.2 Part Warranty DOA Complaint Order to replace a previous delivery on Standard Order

The defect part is to be sent back to the Spares Return Center in Sömmerda. The delivery note of the replacing delivery for the defect spare part shall be used as part return form and the comment "DOA for material order 8000123456" shall be recorded onto it.

The FUJITSU Spares Clearing Department in Sömmerda will check if the warranty for the asset serial number is valid still and create a warranty return order for the DOA part in MIRO. The comment the SP noted on the delivery paper "DOA for order 8000123456", will be entered into the return order as reference.

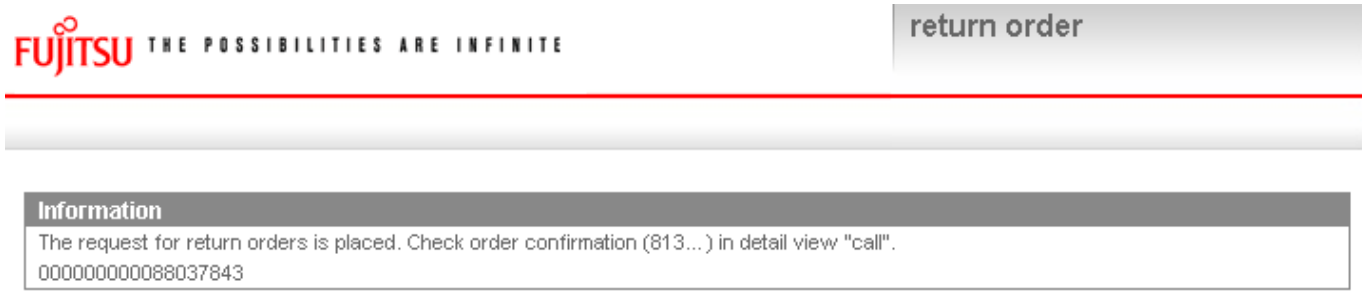
If in the course of the 2nd repair due to the defective spare part another warranty reimbursement for travel cost is claimed please open a new Workorder using the Action “O” in the Error Code without ordering spare parts.

4.6.3 Wrong part in box (WPIB):



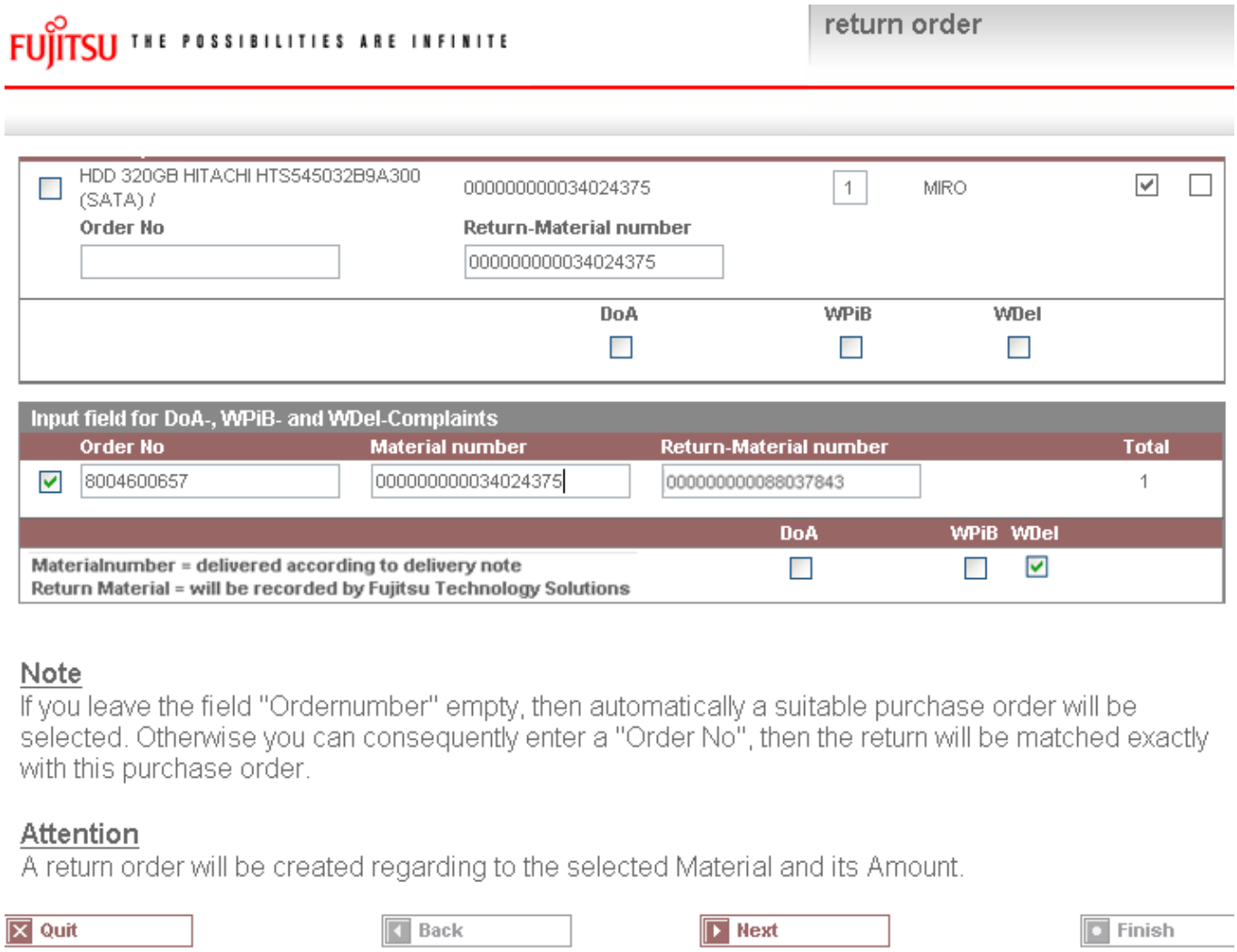
Then click on <Next> and <Finish>

As confirmation you receive the following screen:


FUJITSU THE POSSIBILITIES ARE INFINITE
return order
Information
The request for return orders is placed. Check order confirmation (813...) in detail view "call".
000000000088037843

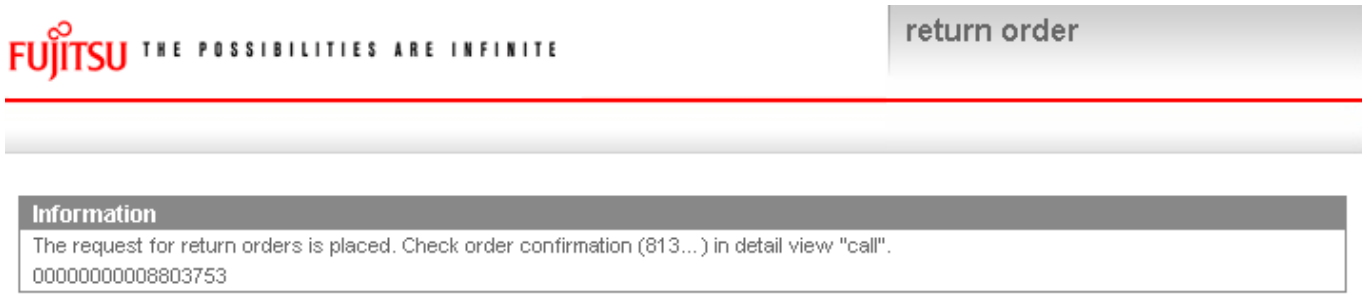
Remember:
If you only mark the little box in front of the description a normal warranty return order is created.

4.6.4 Wrong delivery (WDel):



Then click on <Next> and <Finish>

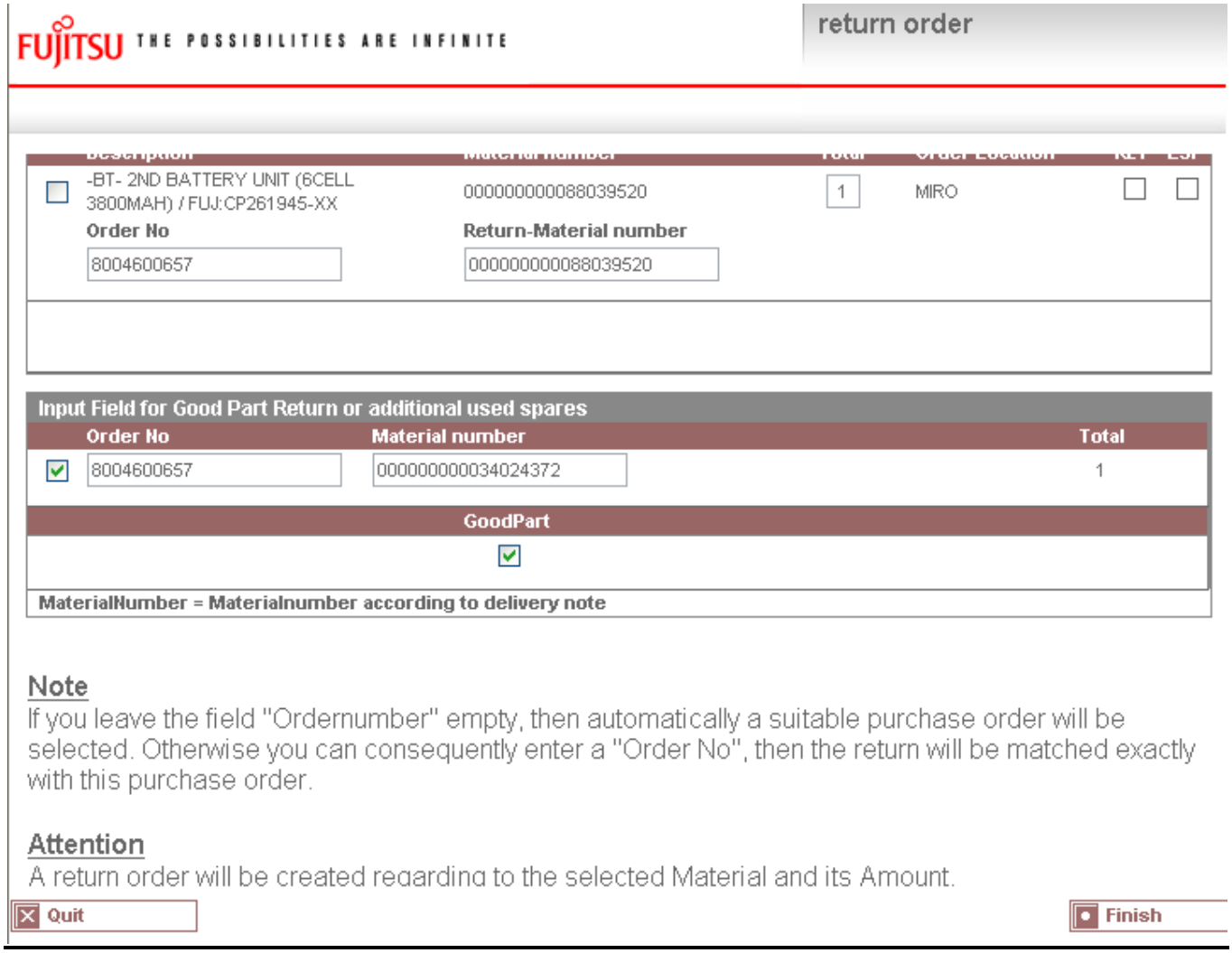
As confirmation you receive the following screen:


FUJITSU THE POSSIBILITIES ARE INFINITE
return order
Information
The request for return orders is placed. Check order confirmation (813...) in detail view "call".
000000000008803753

Remember:
If you only mark the little box in front of the description a normal warranty return order is created.

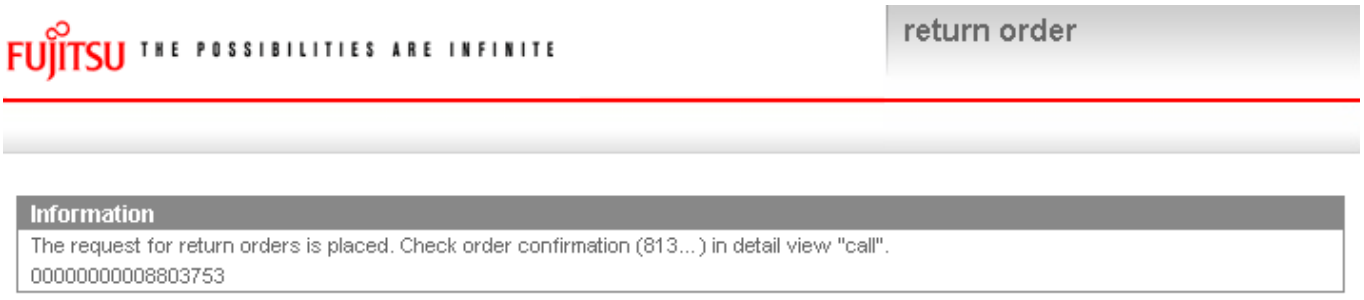
4.6.5 Good part return:

4.6.5.1 Good part return order for RET and N-parts


FUJITSU THE POSSIBILITIES ARE INFINITE
return order
-BT- 2ND BATTERY UNIT (6CELL 3800MAH) / FUJ:CP261945-XX
000000000088039520
1
MIRO
Order No
8004600657
Return-Material number
000000000088039520
Input Field for Good Part Return or additional used spares
Order No
Material number
Total
8004600657
000000000034024372
1
GoodPart
MaterialNumber = Materialnumber according to delivery note
Note
If you leave the field "Ordernumber" empty, then automatically a suitable purchase order will be selected. Otherwise you can consequently enter a "Order No", then the return will be matched exactly with this purchase order.
Attention
A return order will be created regarding to the selected Material and its Amount.
Quit
Finish

Then click on <Finish>

As confirmation you receive the following screen:


FUJITSU THE POSSIBILITIES ARE INFINITE
return order
Information
The request for return orders is placed. Check order confirmation (813...) in detail view "call".
00000000008803753

Remember:
If you only mark the little box in front of the description a normal warranty return order is created.

4.6.5.2 How to return unused parts – Overview

Please acknowledge the process for ADEX orders and NV-Parts differs from the process described above:

Order type was ADEX (Return order already exists): Please note „unused“ written manually on the Part Return Form and return it with the part to the FUJITSU Spares Return Center.

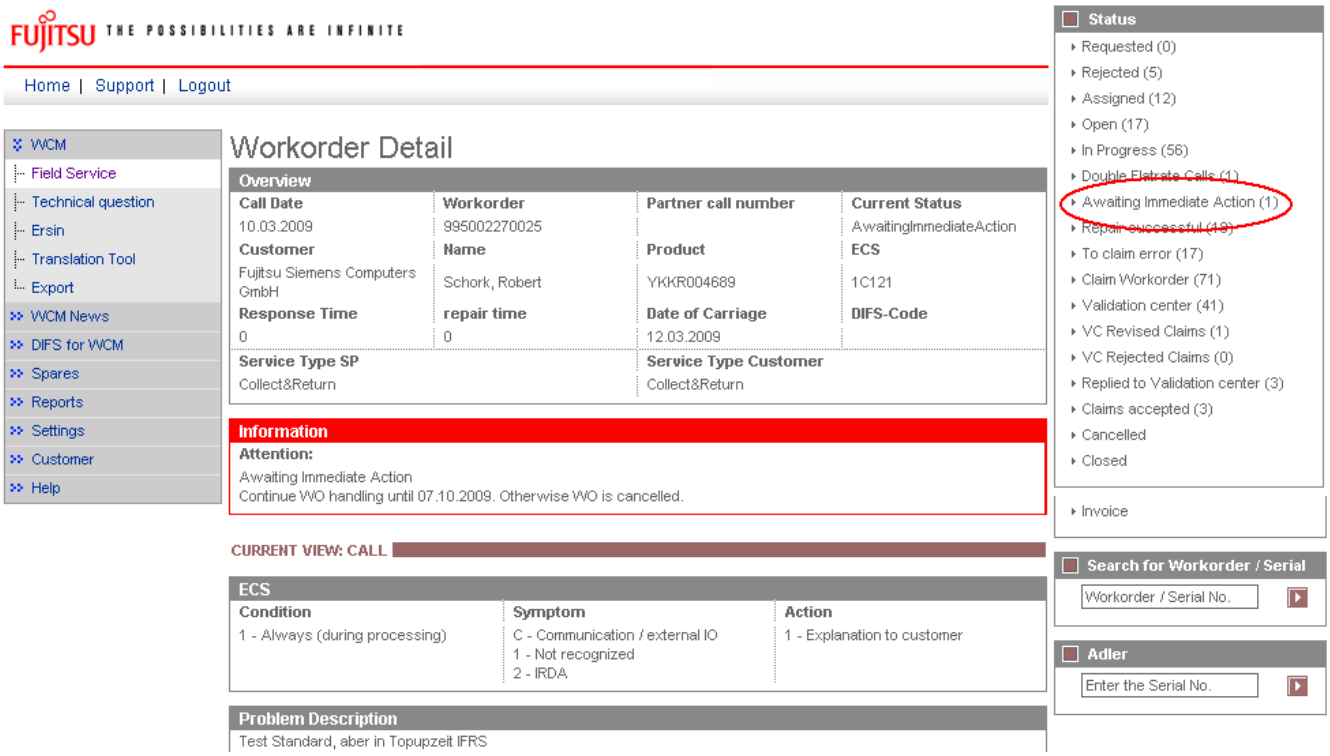
Order type was NORMAL, STANDARD order:
Part is returnable: The returned parts must be in their original packaging or the ESD packaging must be originally sealed. Use function Good Part Return in WCM.
Part is non returnable:
(N-Part): are non returnable parts. Unused parts should be returned, if they are in original packaging or the ESD packaging is originally sealed. Use function Good Part Return in WCM.
(NV-Part): MIRO is not accepting ‘Good Part Return’ for NV Parts.

For further details see Maintenance Logistics Manual at:

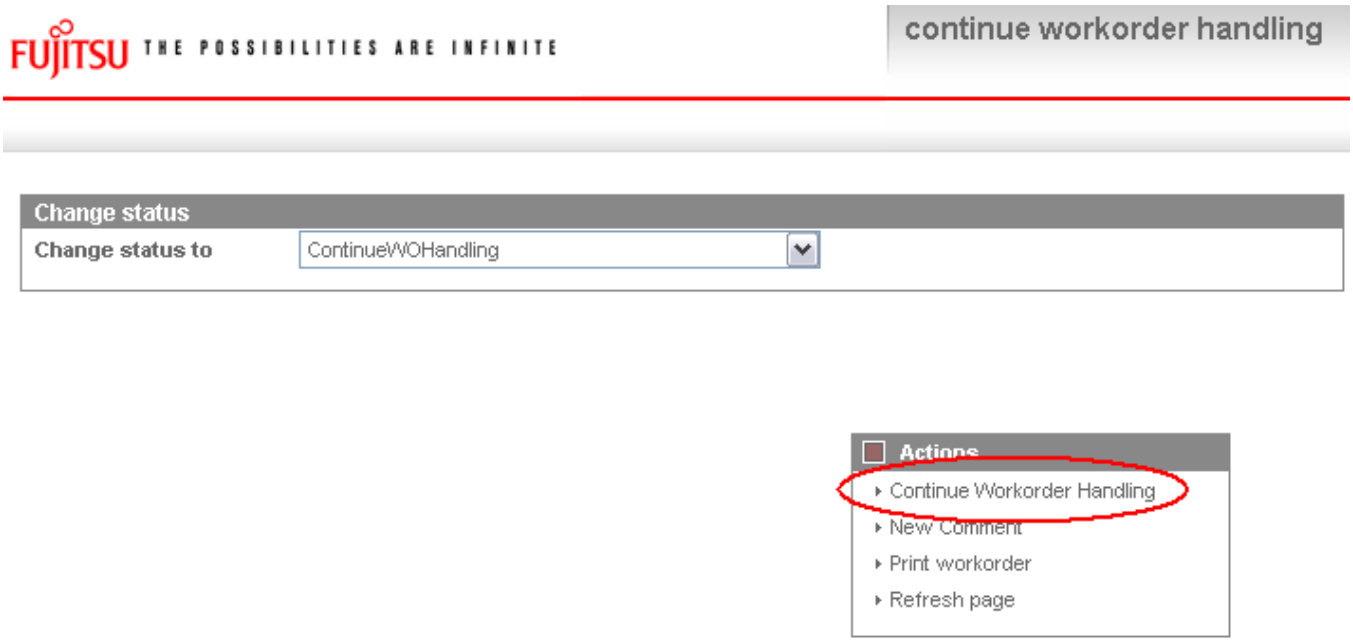
http://partners.ts.fujitsu.com/com/service/general/service-spares/manual

4.7 Central Work Order monitoring

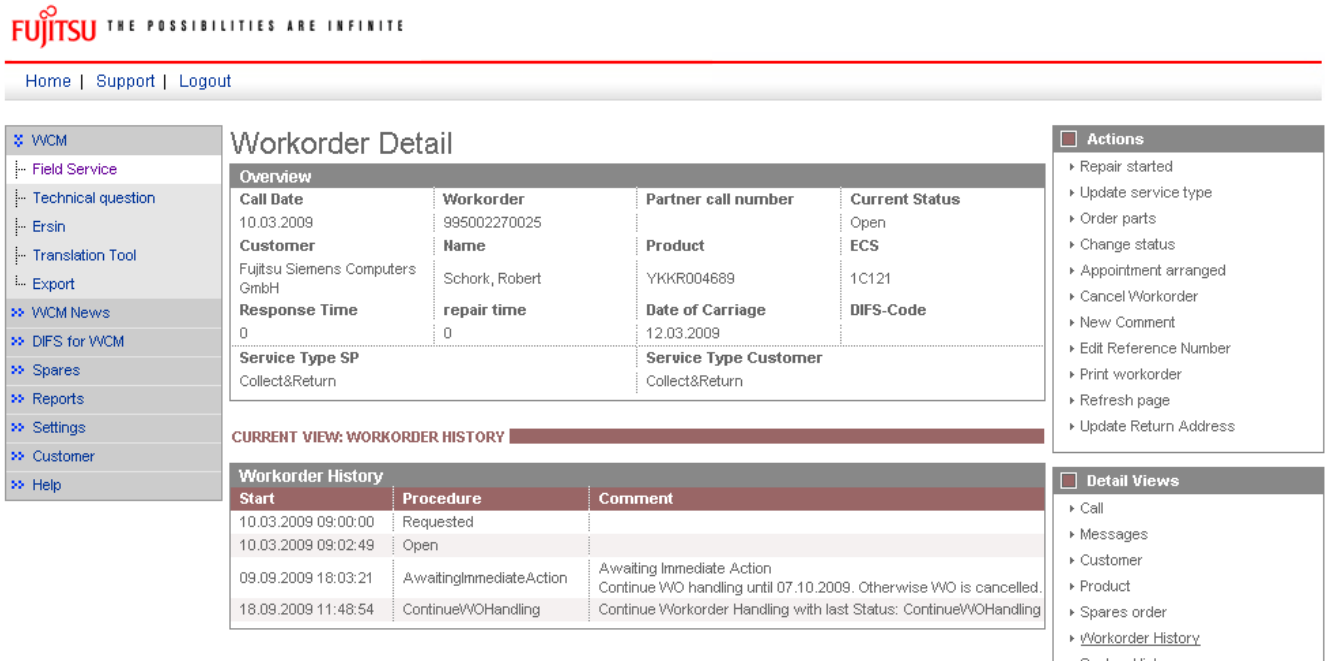
Work Orders where no material has been ordered yet and no repair started flag has been set within the last 90 days will be moved into a new status ‘Awaiting immediate action’ and the Service Partner gets an info message. 4.6.5.2 How to return unused parts – Overview



If the Work Order is still valid and needs to be proceeded status can be reset with action ‘continue Work Order handling’ which can be found as first menu item from the actions box of the right navigation bar.



Revised status are listed in the Work Order history



If the Service Partner does not reactivate the Work Order, it is cancelled after 20 days. With the reason “Not processed by SP” Work Orders cancelled in this way are recorded in action ‘cancelled’.

5. Claiming and Invoicing

After repair has been finished successfully call can be claimed. For service calls with agreed performance the additional bonus as agreed in the Service Partner will be paid, if the successful repair is confirmed within the agreed time. Basic benchmark for performance is the customer satisfaction.

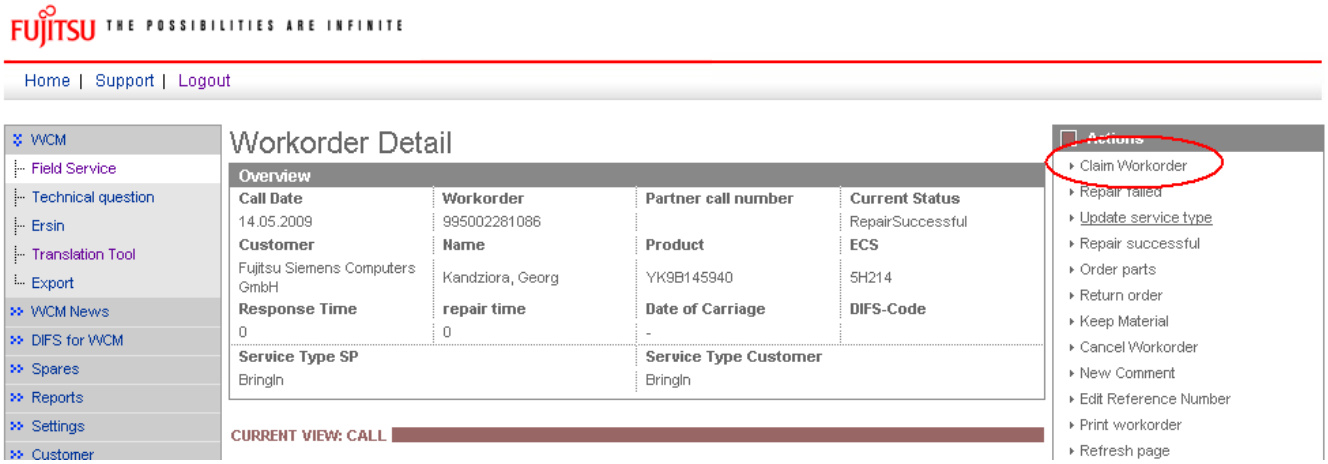
5.1 Claiming & Validation

5.1.1 Claiming

After you have received the return order number from the system, the Work Order may be claimed. Please do not try to claim before the part return order is created for each part of this Work Order.

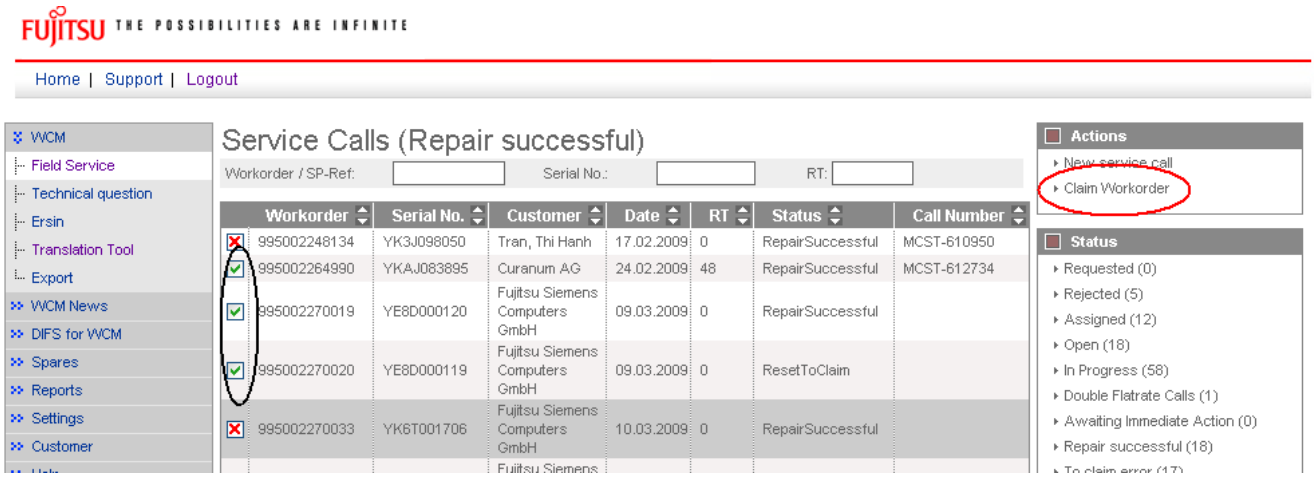
There are two ways to claim Work Orders for the following Invoicing/Crediting:

1) Starting from the Work Order Detail, using Action “Claim Work Order”:

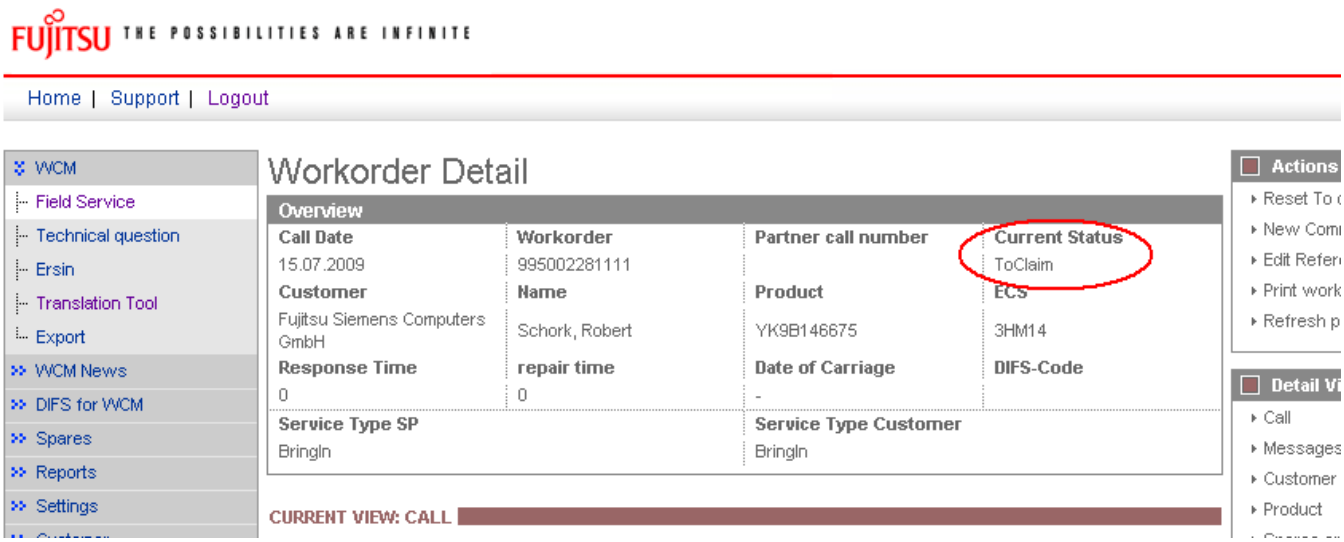


2) Starting from ‘Repair Successful’ Action Work Orders with existing Return Orders (= Return Advise) do have a checkbox, which can be ticked for claiming (this is convenient for a higher number of Calls to claim at once). Please acknowledge the checkbox will only appear after the return order is transferred from PEC to WCM. This may take some time if the return notification was entered in PEC instead of WCM WEB.

In our example, only 3 boxes are selected for claiming and therefore ticked:



For both ways of claiming the ‘Current Status’ in the Work Order Detail has now changed into “ToClaim”:



After the part is received back physically (!), the Work Order Status changes into “ClaimMovedToVC” and FUJITSU Validation Centre will verify the Call:

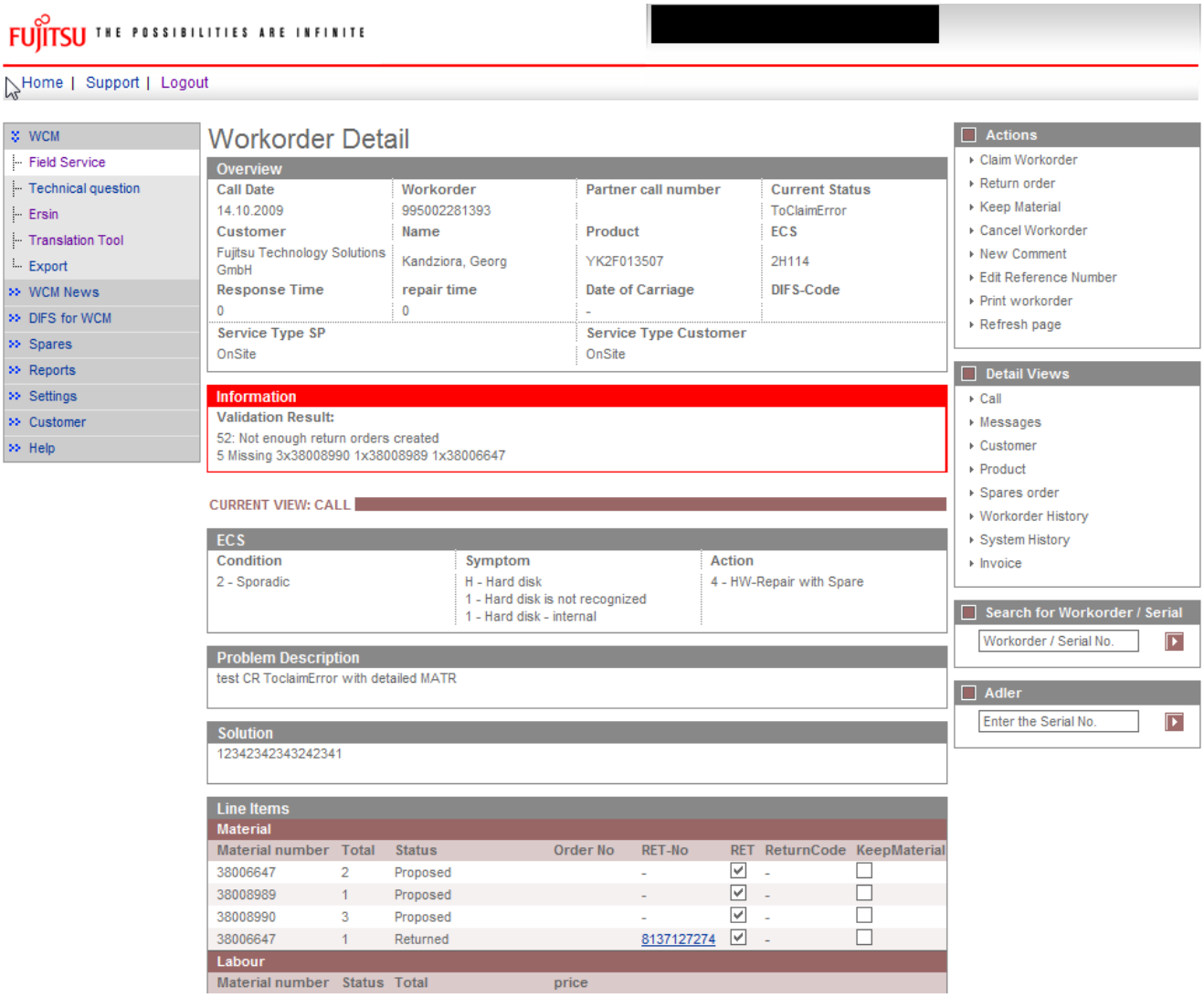
The Validation Centre (VC) proves the Call and has the possibility
a) Of *accepting* it. Then the invoicing process can start.
b) Of *shortening* it. Then you have to confirm or comment as next action…
c) Of *rejecting* it. Then you have to confirm or comment as next action…

With rejection starts verification with the validation center. The Service Partner and the VC can communicate via WCM WEB. See 5.1.4 Rejected or revised Work Order

5.1.2 Claim Error

If a Work Order is claimed while not all return orders have been posted in WCM, you will receive a 'To Claim Error' message.
In Work Order detail the current status "ToClaimError" appears. In an information field the SP is informed about how much and which material numbers are not returned yet compared to the delivered material or material proposals from own stock.

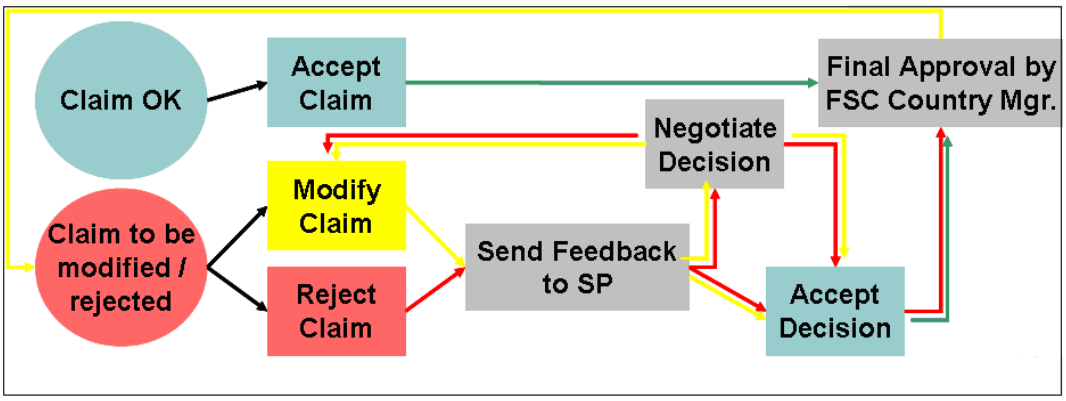
Now you have the possibility to advise the remaining parts and to claim again.



If the material is not returned (kept by customer or kept in own stock) please set the keep material flag. For details please see chapter 4.5.1 Customer keeps material and 4.5.2 Own stock material kept.

5.1.3 Validation process

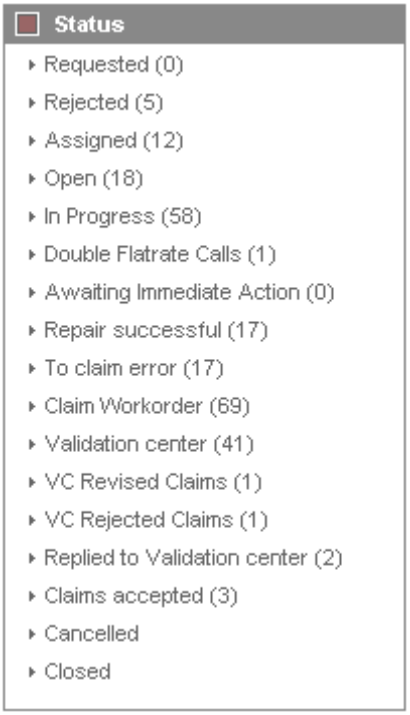
The agreement process may encircle some iteration and is based on communication with the FUJITSU Validation Centre or Service Partner Management contacts. See chapter 5.1.4 Rejected or revised Work Order



As the WCM order process is based on early decisions about the Service Type accepted as warranty case, the negotiation process is the exception, not the rule.

The validation status of each Work Order is reported in the status screen:

ClaimMovedtoVC (included in status “Validation Centre”):
After spare part return has been received physically at Spares Return
Spares Return Centre Work Order is forwarded to the Validation Centre.



ClaimRevisedByVC (included in status “VC Revised Claims”)
FUJITSU Validation Centre has changed the claimed Service Type
After revised claim is accepted by Service Partner, the status will change to ClaimAcceptedByVC (in status Claims accepted)

ClaimRejectedByVC (incl. in status “VC Rejected Claims”)
FUJITSU Validation Centre rejected the claim completely.
If a rejected claim is accepted by you, the status will change to “Cancelled.”

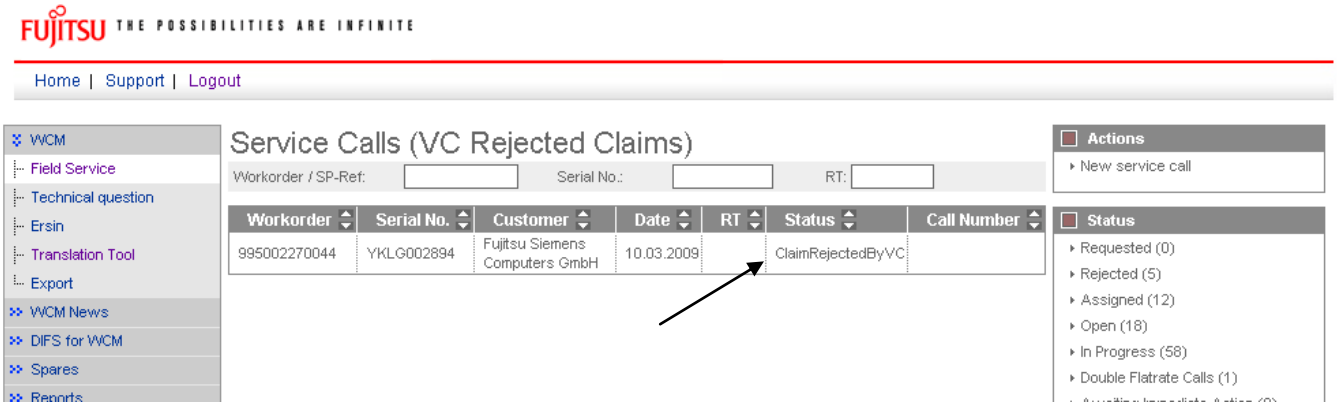
ClaimAcceptedByVC (incl. in button “Claims accepted”):
If the Validation Centre did not change something but accept the claim, it will be paid with the next invoice summary.

If you answered to a rejection or comment of a VC decision, the Work Order can be found in “Replied to Validation Center”. After final agreement, the Work Order will be placed in the adequate status section and has to be accepted by the Service Partner

In general:
When browsing through the Work Order Details Service Partner may find all possible activities (accepting, commentate, etc) in Actions menu on the right side. (The possible activities depend on the status of the claim.)

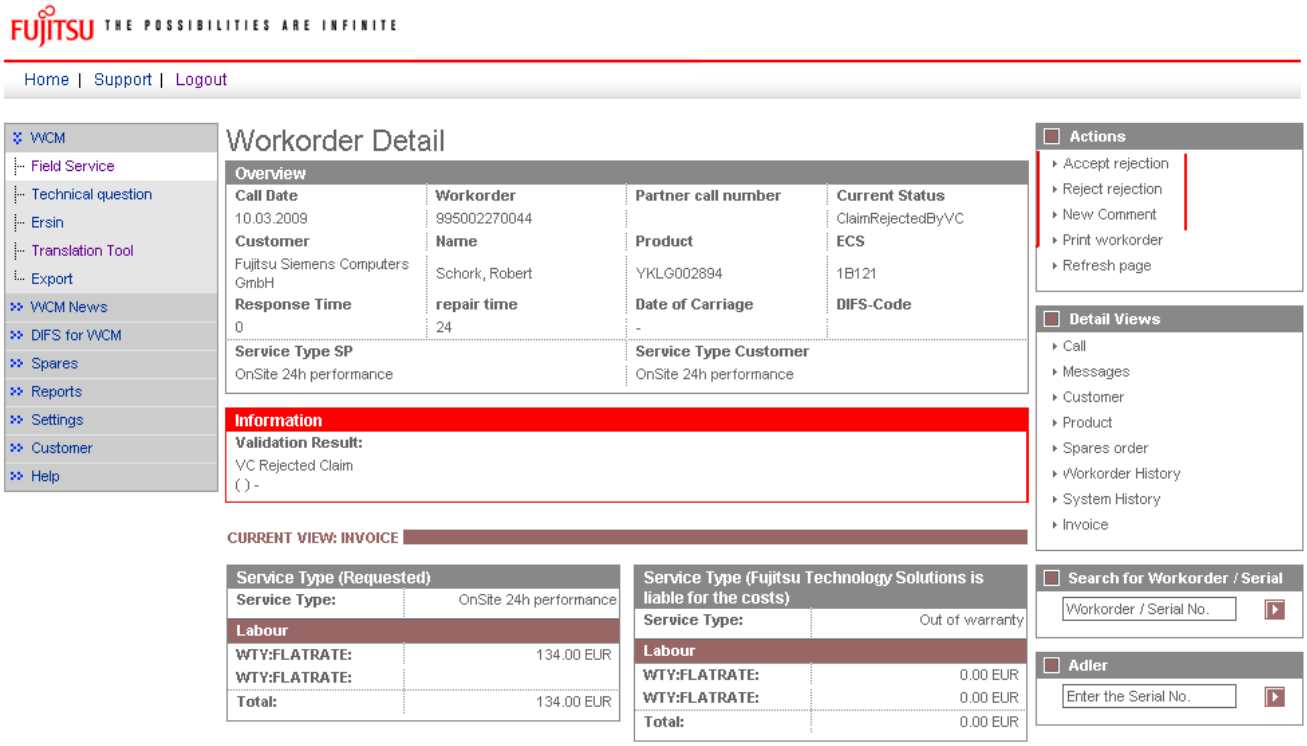
5.1.4 Rejected or revised Work Order

Double click on a rejected or revised Work Order



… to open this claim with all the details.

The rejection message will be displayed:



By choosing “Accept rejection” (Action menu on right side) you can agree on the validation result from the FUJITSU Validation Centre. The Work Order will move to status “cancelled”. In case the Work Order was not rejected but revised only and you have accepted the decision from FUJITSU, the Work Order status will go to “ClaimAcceptedbyVC” and will be paid in the next invoice with this amount.

If you select “Reject rejection” (Action menu) a screen will open for your comments to be transferred to the Validation Centre within WCM.

By choosing “Accept rejection” (Action menu on right side) you can agree on the validation result from the FUJITSU Validation Centre. The Work Order will move to status “cancelled”. In case the Work Order was not rejected but revised only and you have accepted the decision from FUJITSU, the Work Order status will go to “ClaimAcceptedbyVC” and will be paid in the next invoice with this amount.

If you select “Reject rejection” (Action menu) a screen will open for your comments to be transferred to the Validation Centre within WCM.

mark „Rejection“

Then click on <Finish>

The Call will change to the status “ValidationFeedbackBySP”.

For a better traceability of the communication all the communicated messages are stored in the Work Order History.

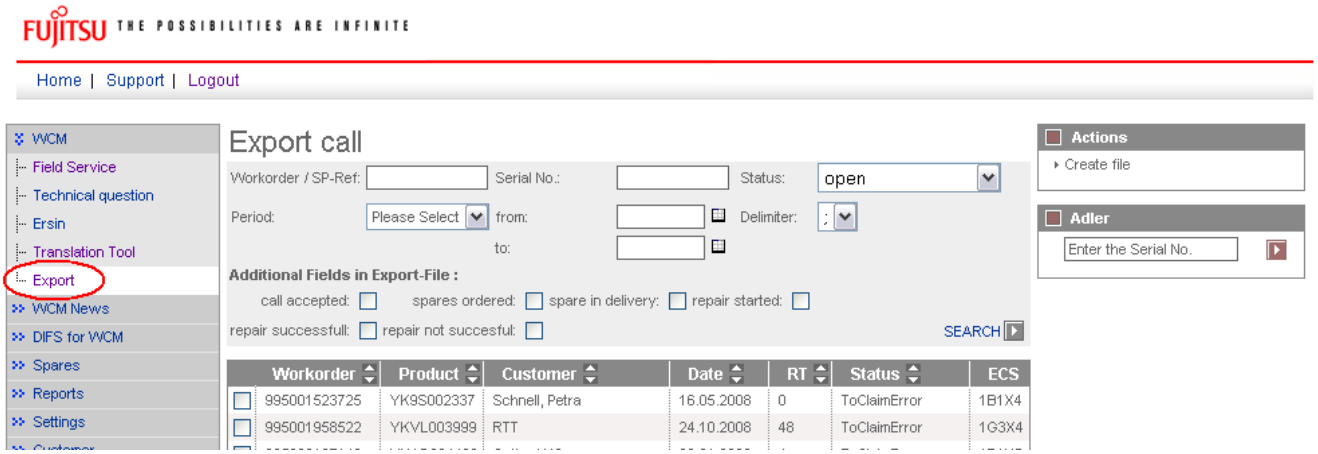
CURRENT VIEW: WORKORDER HISTORY

Workorder History

Start	Procedure	Comment
10.03.2009 16:02:00	Requested	
10.03.2009 16:03:00	RepairStarted	call start: 10.03.2009, 16:3o´ clock jfakjfasjflkasjflajf
10.03.2009 16:03:27	Open	
10.03.2009 16:03:59	RepairSuccessful	
10.03.2009 16:04:02	ToClaim	To Claim
11.03.2009 09:41:31	ClaimMovedToVC	Claim moves to validation centre
11.03.2009 09:42:47	ClaimAcceptedByVC	Country Manager has approved the claim
11.03.2009 09:44:59	ClaimPaid	Claim is paid
11.03.2009 10:10:25	ClaimAcceptedByVC	Country Manager has approved the claim
06.08.2009 15:58:43	ClaimRevisedByVC	Claim revised by operator ( )
06.08.2009 16:00:59	ClaimRevisedByVC	Claim revised by operator ( )
06.08.2009 16:01:12	ClaimRejectedByVC	VC Rejected Claim ( ) -
06.08.2009 16:02:11	ClaimRejectedByVC	VC Rejected Claim ( ) -
06.08.2009 16:03:58	ClaimRevisedByVC	Claim revised by operator ( )
06.08.2009 16:05:28	ClaimRejectedByVC	VC Rejected Claim ( ) -
09.09.2009 16:19:53	ValidationFeedback	rejection not acceptable

5.1.5 WO History on export file

Various time stamps can be selected.
The selected fields are added at the end of the file string.



File description:

Field	Example 1	Example 2
DebitorNo	11223344	11223344
SerialNo	YK7T048601	YK8V018053
ProductType	CELSIUS M460, Core 2 Quad Q6600 SAG	LB E8410 WSXGA+ EXT GFX CAM /C2-T9500/
Workorder	995003125221	995003125315
Status	OrderConfirmation	RepairSuccessful
CallDateTime	15.03.2011 14:23	13.04.2011 09:54
CloseDateTime		14.04.2011 12:11
ADLER-ST	OnSite	OnSite
CUST	OnSite 48h performance	OnSite 48h performance
SvcType	OnSite 48h performance	OnSite 48h performance
ST Fujitsu paid		
labour price paid	0	0
FCODescription		
CustomerFirm		
CustomerLastname	Gebhardt	Gebhardt
CustomerFirstname	Britta	Britta
Street	Bgm-Ulrich-Strasse 100	Bgm-Ulrich-Strasse 100
Country	Germany	Germany
ZipCode	86159	86159
City	Augsburg	Augsburg
CustomerNo		
Phone	8218045102	8218045102

Mobile		
eMail	Britta.Gebhardt.external@ts.fujitsu.com	Britta.Gebhardt.external@ts.fujitsu.com
Problem	das ist ein test. das ist ein test. das ist ein test.	Das ist eine Test Work Order
ECS	2GXX4	2H214
DIFS		
ProviderWONR		
InvoiceNr		
InvoiceDatum		
InvoiceGroup		
PartNumber1	WTY:FLATRATE	WTY:FLATRATE
Description1		
SNR1		
Quantity1	1	1
Price1	11,11	11,11
Currency1	EUR	EUR
OrderNumber1		
PartNumber2	34008959	
Description2	MAINBOARD BEARLAKE ATX I_X38 LGA775 / S26361-D2608-A11-1-R791	
SNR2	S26361-D2608-A11-1-R791	
Quantity2	1	
Price2	0.00	
Currency2	EUR	
OrderNumber2	8006226785	
PartNumber3	34013728	
Description3	BLU-RAY DISC TRIPLE WRITER SATA /	
SNR3		
Quantity3	1	
Price3	0.00	
Currency3	EUR	
OrderNumber3	8006226786	
PartNumber4	88037460	
Description4	HDD 250GB SATA 300 7.2K / WDC:WD2500JS	
SNR4	WDC:WD2500JS	
Quantity4	1	
Price4	0.00	
Currency4	EUR	
OrderNumber4	8006226787	
PartNumber5		
Description5		
SNR5		
Quantity5		
Price5		
Currency5		
OrderNumber5		
PartNumber6		
Description6		
SNR6		
Quantity6		
Price6		
Currency6		
OrderNumber6		
PartNumber7		
Description7		
SNR7		
Quantity7		
Price7		

Currency7		
OrderNumber7		
PartNumber8		
Description8		
SNR8		
Quantity8		
Price8		
Currency8		
OrderNumber8		
PartNumber9		
Description9		
SNR9		
Quantity9		
Price9		
Currency9		
OrderNumber9		
PartNumber10		
Description10		
SNR10		
Quantity10		
Price10		
Currency10		
OrderNumber10		
Call Accepted	15.03.2011 13:26	14.04.2011 10:10
Spares Ordered	15.03.2011 13:33	
Spares In Delivery		
Repair Started		14.04.2011 10:11
Repair Successfull		14.04.2011 10:11
Repair Not Succesfull		
PickUpCompany		
PickUpLastname		
PickUpFirstname		
PickUpStreet		
PickUpSupplement		
PickUpCounty		
PickUpZipCode		
PickUpCity		
PickUpCountry		
ReturnCompany		
ReturnLastname		
ReturnFirstname		
ReturnStreet		
ReturnSupplement		
ReturnCounty		
ReturnZipCode		
ReturnCity		
ReturnCountry		
ReturnPartNumber1	34008959	
ReturnReturnable1	False	
ReturnCode1		
ReturnNumber1	8139226056	
ReturnPartNumber2	88037460	
ReturnReturnable2	False	
ReturnCode2		
ReturnNumber2	8139226058	
ReturnPartNumber3	34013728	
ReturnReturnable3	False	

ReturnCode3		
ReturnNumber3	8139226057	
ReturnPartNumber4		
ReturnReturnable4		
ReturnCode4		
ReturnNumber4		
ReturnPartNumber5		
ReturnReturnable5		
ReturnCode5		
ReturnNumber5		
ReturnPartNumber6		
ReturnReturnable6		
ReturnCode6		
ReturnNumber6		
ReturnPartNumber7		
ReturnReturnable7		
ReturnCode7		
ReturnNumber7		
ReturnPartNumber8		
ReturnReturnable8		
ReturnCode8		
ReturnNumber8		
ReturnPartNumber9		
ReturnReturnable9		
ReturnCode9		
ReturnNumber9		
ReturnPartNumber10		
ReturnReturnable10		
ReturnCode10		
ReturnNumber10		
END	END	END

5.2 Invoicing

5.2.1 Overview

1) All Work Orders with the status “to Claim” will be forwarded for validation and invoicing. Precondition is that the return orders for all defective parts are created in PEC and reported back into WCM WEB.
2) The defective part is received back at FUJITSU.
3) The FUJITSU Validation Centre (VC) checks the claim:
a) The VC accepts or
b) The VC rejects or reduces the claim.
4) You have to accept reduced or rejected claims or clarify with the VC until you can accept the result.
5) The Validation Centre sends the clarified claims to the local FUJITSU claim approver (Service Partner Manager).
6) The local claim approver confirms.

Depending on the invoice process agreed in your SP Contract and defined in the WCM master data a credit note is issued automatically or an invoice proposal is sent, with which the Service Partner create the commercial invoice. Please also see chapter 5.2.2)

Invoice Process

Service Partner create an invoice

7) FUJITSU creates an invoice proposal document for all accepted Calls
8) The document is sent to the Service Partner as .pdf file. This document contains a grouping number and an invoice proposal number. The value and the numbers are posted in the FUJITSU Financial SAP System.
9) Service Partner sends a paper invoice to FUJITSU with the amount and the grouping-/invoice number as stated in the .pdf file.
10) The grouping-/invoice no. is the reference for FUJITSU Accounting to find the pre-posted invoice record in its systems.

FUJITSU creates an invoice - Payment takes place with an invoice credit process

7) FUJITSU creates an invoice document in the name of the SP.
8) SP receives an invoice in paper format by mail.
9) The invoice is paid automatically by FUJITSU.

5.2.2 Methods

For all Warranty Claims where the claimed amount is accepted by FUJITSU, e.g. no agreement on reductions or rejections is pending; there is a summarized invoice for all claims during the past period.

The length of the period is defined together with the responsible FUJITSU Service Partner Manager. It can be monthly, weekly, biweekly or even daily.

In principle there are two invoice processes possible:
1) FUJITSU creates and sends an invoice proposal with the invoice amounts agreed in the WCM process or
2) The service partner has agreed at the so called “credit like process” [or “Self-Invoice”] and FUJITSU prepares an invoice document in paper format and as pdf-file in the name of the Service Partner, which is paid (credited) automatically. The invoice in paper format is sent by mail to the Service Partner.

Additionally the .pdf file and a text file with all Work Order details are sent to the Service Partner for his internal usage.

The documents for point 1) and point 2) are similar. They only distinguish by the header. Below (chapter5.2.3) please find an example of an invoice in the “credit like process” prepared monthly.

The partner reference is added to the detail documents for both invoices and invoice proposals in the line items menu.

The FUJITSU description “Product related service costs for labour” is changed to Labour.

5.2.3 Documents

This is an example of a monthly prepared invoice in the “Credit-like/self-invoice process”:

Avenida de Bruselas 13
28100Alcobendas, Madrid,
SPAIN

VAT-ID: ESB82441908

Sender

Fujitsu Technology Solutions S.L.
Fujitsu TS Spain ES82 Serv.
AV. DE BRUSELAS, 13 ED. AMERICA
28108 ALCOBENDAS,
SPAIN

VAT-ID: ESB82441908
Vendor Nr.: [redacted]

Service Provider

Fujitsu Technology Solutions S.L.
Fujitsu TS Spain ES82 Serv.
AV. DE BRUSELAS, 13 ED. AMERICA
28108 ALCOBENDAS,
SPAIN

Invoice Proposal:ORIGINAL

Proposal Invoice date:28.05.2009

Proposal Invoice Nr.: 0000002000012458

Grouping Number: 000000000000053931

Supply Date: See Attachment

Claim Number: See Attachment

No invoice, request for issuing the invoice.

UNIT	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1 PC	Product related service costs for labour	4.760,44 EUR	4.760,44 EUR
1 PC	Product related service costs for local spare parts	0,00 EUR	0,00 EUR
	Total net amount		4.760,44 EUR

The partner reference is added to the detail documents for both invoices and invoice proposals in the line items menu “SA ID”.

Sender
Fujitsu Technology Solutions S.L.
Fujitsu TS Spain ES82 Serv.
AV. DE BRUSELAS, 13 ED. AMERICA
ALCOBENDAS
28108
SPAIN
VAT-ID: ESB82441908
Vendor Nr.: [redacted]

Proposal Recipient
Fujitsu S´Computers S.L.
Avenida de Bruselas 13
Alcobendas, Madrid
28100
SPAIN
VAT-ID: ESB82441908

Attachment to Invoice Prop.:
0000002000012458
of: 28.05.2009

Service Provider

Fujitsu Technology Solutions S.L.
Fujitsu TS Spain ES82 Serv.
AV. DE BRUSELAS, 13 ED. AMERICA
28108 ALCOBENDAS,
SPAIN
Service Provider Nr.: 00A1602213

GROUPING PERIOD	GROUPING NR.
28.04.2009 - 28.05.2009 (Monthly)	000000000000053931

POS.	CLAIM	SA ID	ITEM	MATERIAL DESCRIPTION	SUPPLY DATE	VAT	TOTAL AMOUNT
1	995002369106	4800018874	2	Labour	15.04.2009	16,00%	235,00 EUR
2	995002370523	4800018878	2	Labour	14.04.2009	16,00%	235,00 EUR

In case of the “credit like process” you have no more action to do. The payment from FUJITSU will be received after the agreed time for payment allowed.

In case of the “standard” invoice process you can prepare the commercial invoice and send it to the local FUJITSU Service Contact.

Additionally a text file with all Work Order details is sent out. Including e.g. FUJITSU Work Order and Service Partner reference number.

Description of the Work Order detail text file:

Header	Example
Type	NI
Vendor_ID	0000812033
Vendor_Name	FUJITSU SERVICES
SP_ID	0011295641
SP_Name	Fujitsu Services Ltd.
FUJITSU_Org_Name	Fujitsu Siemens Computers Ltd.
FUJITSU_VAT_ID	GB731653542
Invoice_Date	20080605
Proposal_or_Invoice_Number	0000000000025595
Grouping_Number	000000000000025595
Position_ID	1
WO_ID	995001400261
SP_Reference_Number	PRIORITY 1
Serial_Number	YBBC008967
Asset	LB S7020 SXGA+ /P-M7
Warranty_Group	NBS
Description	Product related service costs for local spare parts
Call_open_Date	04.06.2008
Service_Date	04.06.2008
SP_ST	003
Paid_ST	003
Modification_reason	-
Reason_comment	
Amount_demanded	100.00
Amount_paid	100.00
VAT	0.00
Currency	EUR
PLA	PSBM

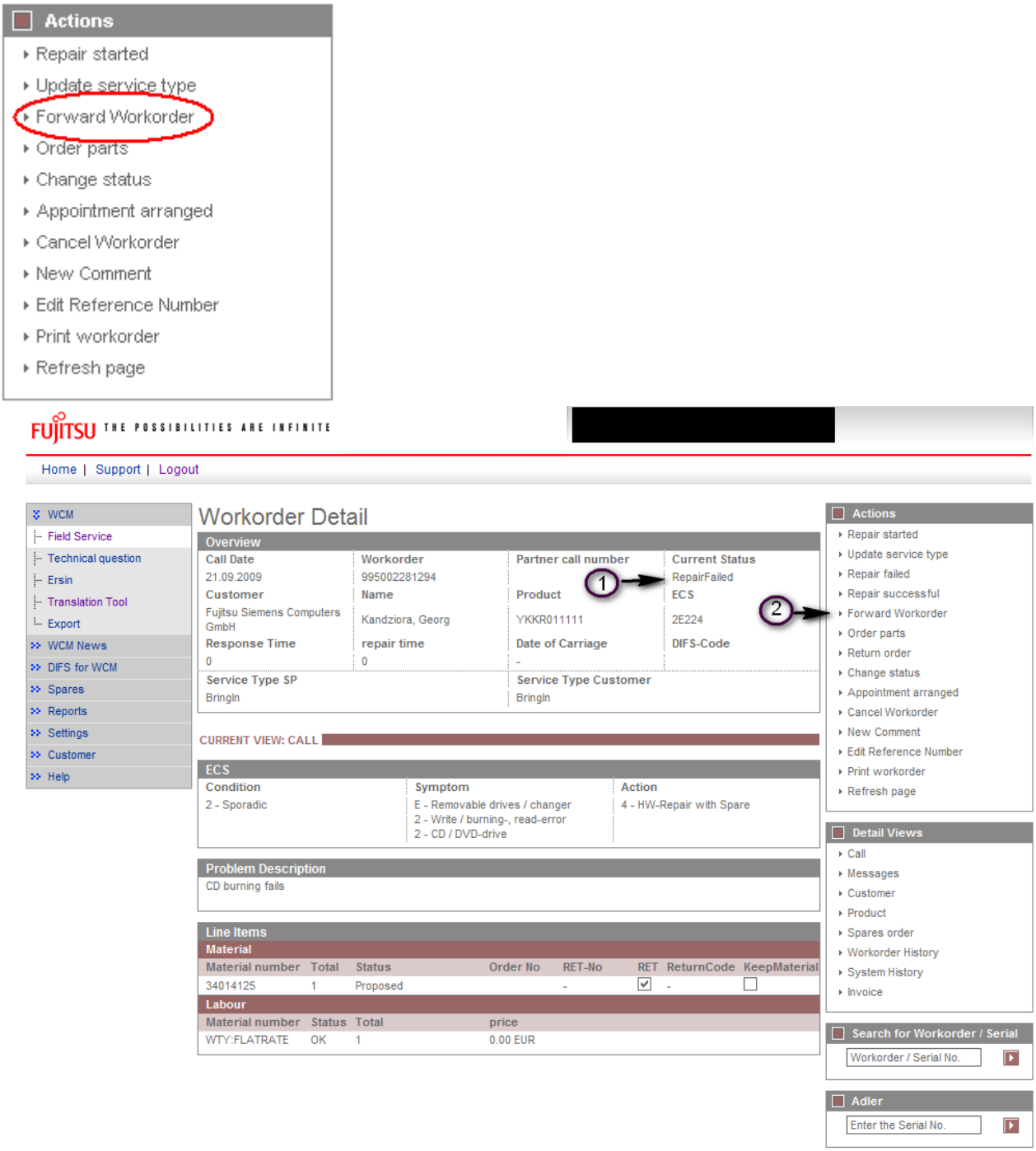
5.2.4 Commercial Invoice (standard/normal invoice process)

The commercial invoice the Service Partner creates must contain the invoice proposal number and the grouping number of the invoice proposal from the .pdf file.

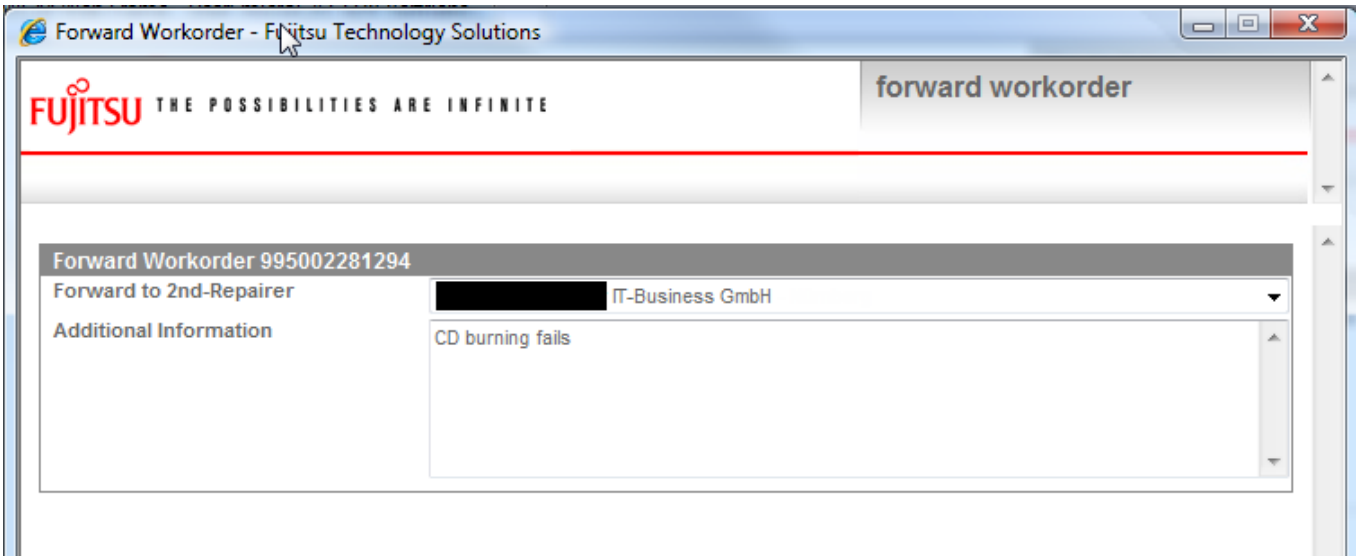
The invoice amount must not differ to the sum in the invoice proposal, as all changes on the claims per Work Order are already processed and agreed earlier. Rejections or reductions of a warranty claim are only valid when verified with the FUJITSU Validation Centre and must be agreed before the claims are grouped for invoicing. All changes have to be recorded in the related Work Order in WCM WEB according to the described workflows. See 5.1.4 Rejected or revised Work Order.

6. Forward Work Order

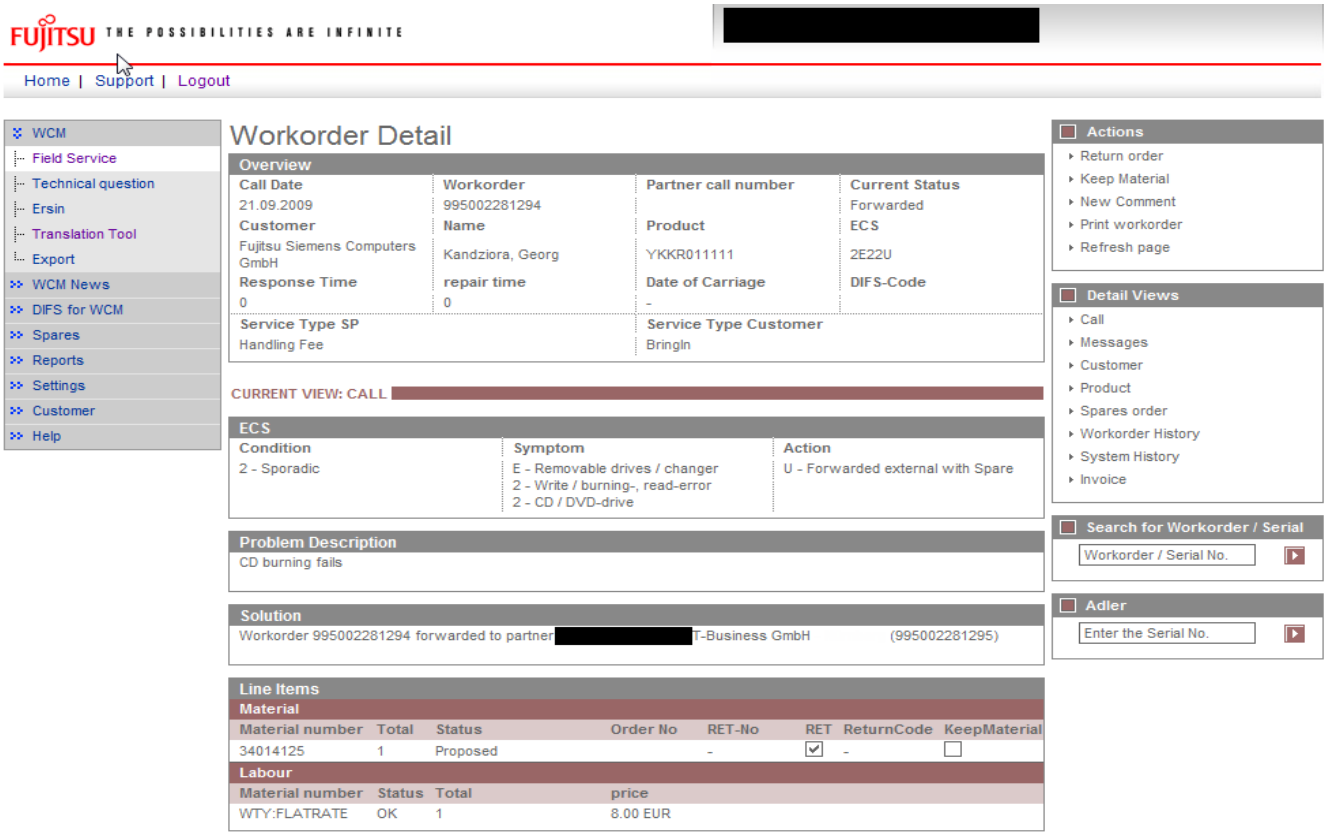
Depending on the country specific service processes, for special cases (e.g. AMILO, LIFEBOOK with Collect & Return service) forwarding a repair is possible.
Important: This function has to be activated in the country.
If you can't do the repair and forwarding is possible, then action <Forward Work Order> has to be used.
Action <Forward Work Order> is available after status repair failed is set.



A list of authorized repairers is shown automatically. (See the next window.)
The error code and description will be copied from the old call and can be enhanced.
Selected spare parts are not forwarded to the new Service Partner.
Click on <finish>



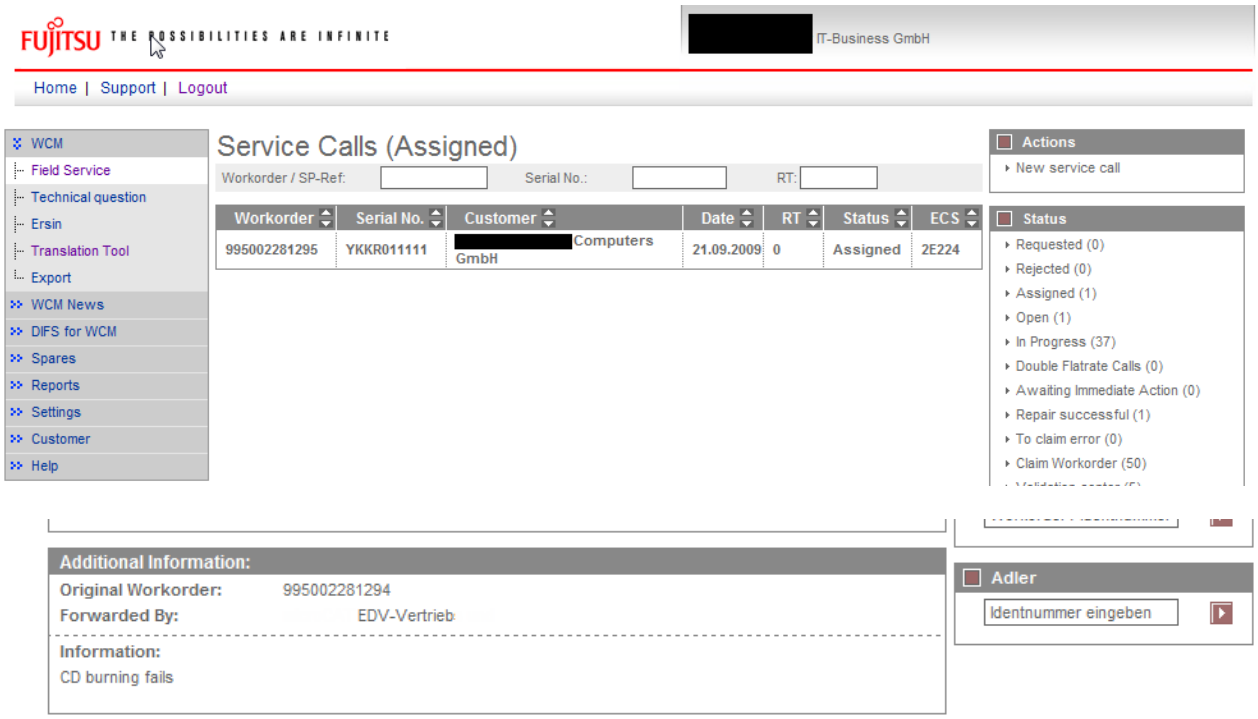
After click on <refresh> the Work Order status changes to “Forwarded”. The Service Partner/ Repairer is displayed in the area “Solution”.



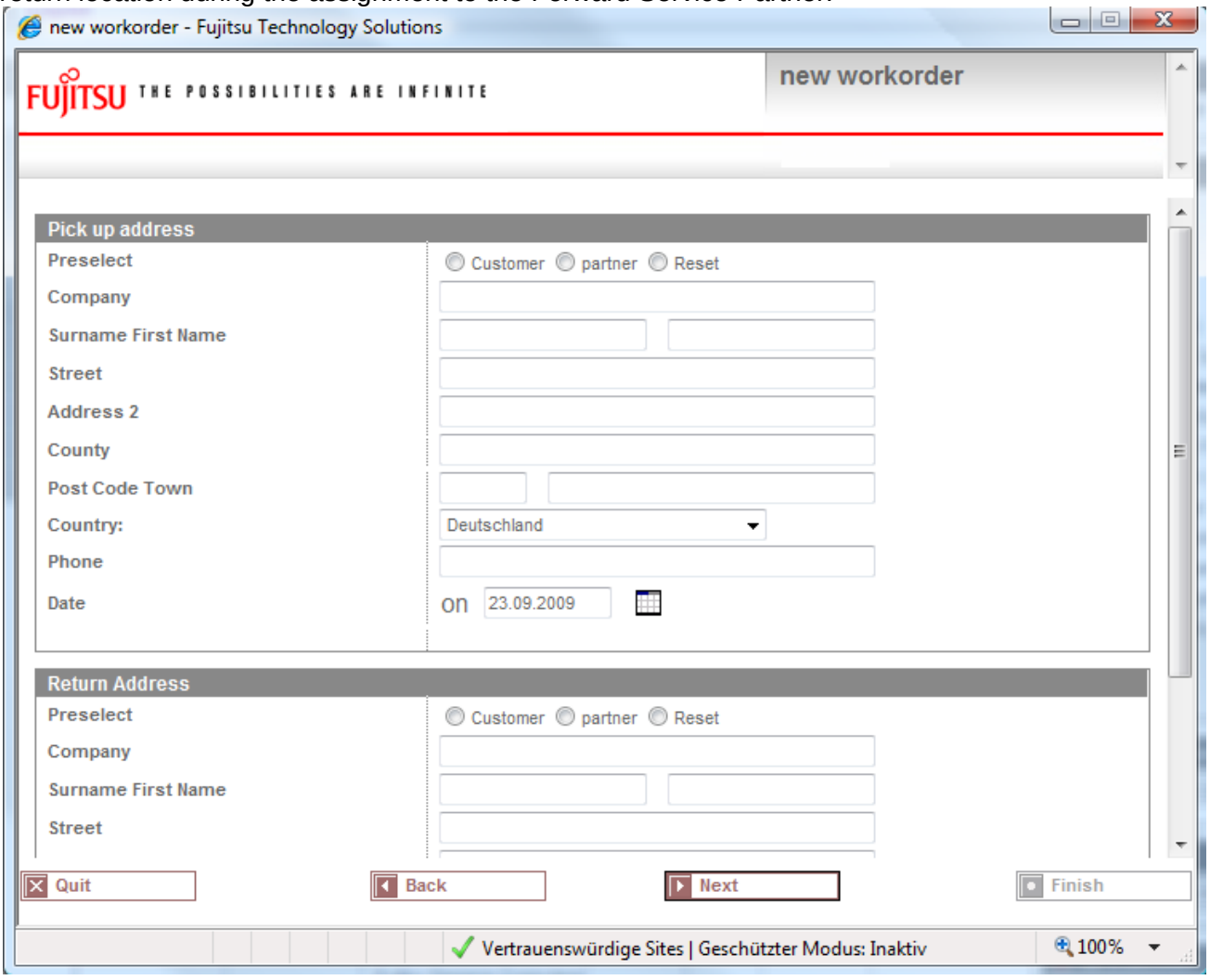
You will be responsible for the claim until the Service Partner/Repairer you forwarded the Work Order to, accepted the claim.

The Forward Service Partner/Repairer receives the claim in his In-Box. The reference of the forwarding SP is entered in the area Additional Information. All Customer Data and the original Work Order number are transferred as well.

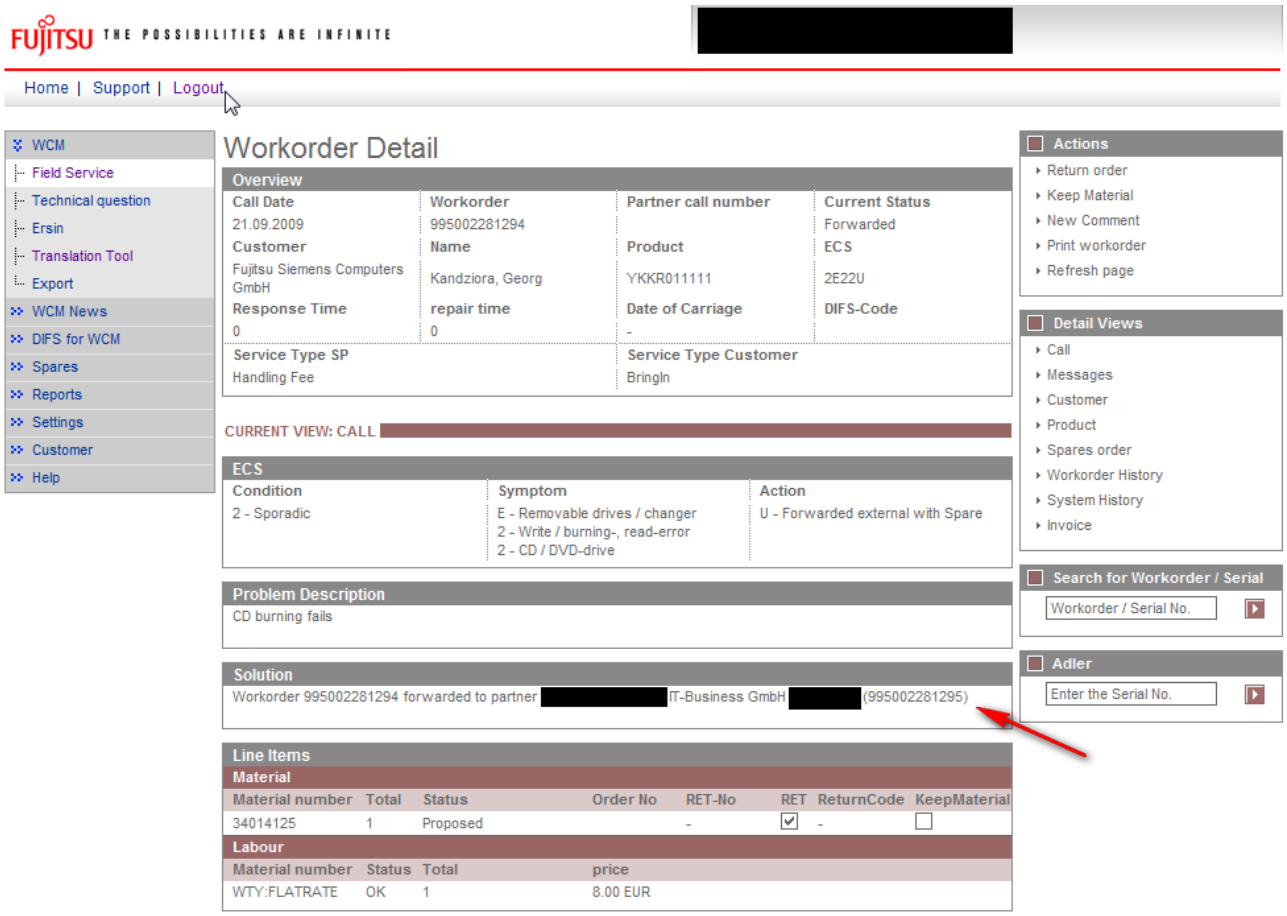
Screenshots from Forward Service Partner/Repairer WCM WEB application:



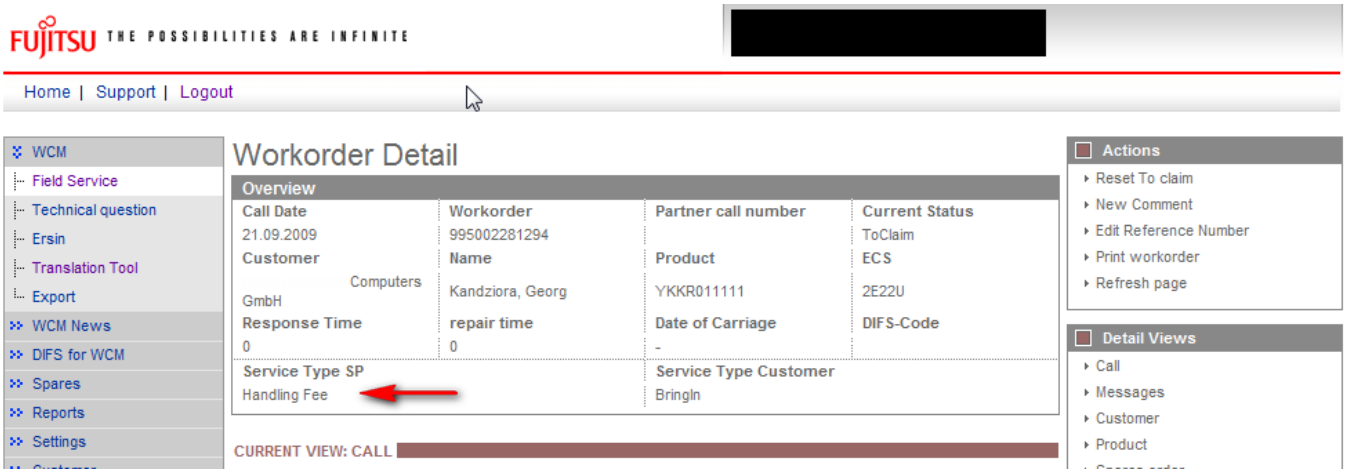
In case of Collect and Return Service a Pick Up and Return address can be defined additionally. Thus the Service Partner can define his own subsidiary as pick up location and e.g. the customer site as return location during the assignment to the Forward Service Partner.



After the Forward Service Partner/Repairer accepted the claim, you are informed about the new Work Order number the Forwarded Service Partner/Repairer received while taking over the call.



The original Work Order now can be claimed. Provided all return orders have been created of course.



Please acknowledge: The Service Type is reduced to handlings fee.

7. Annex

7.1 Error Message

In WCM following Error Messages may occur, if entries are not accepted:

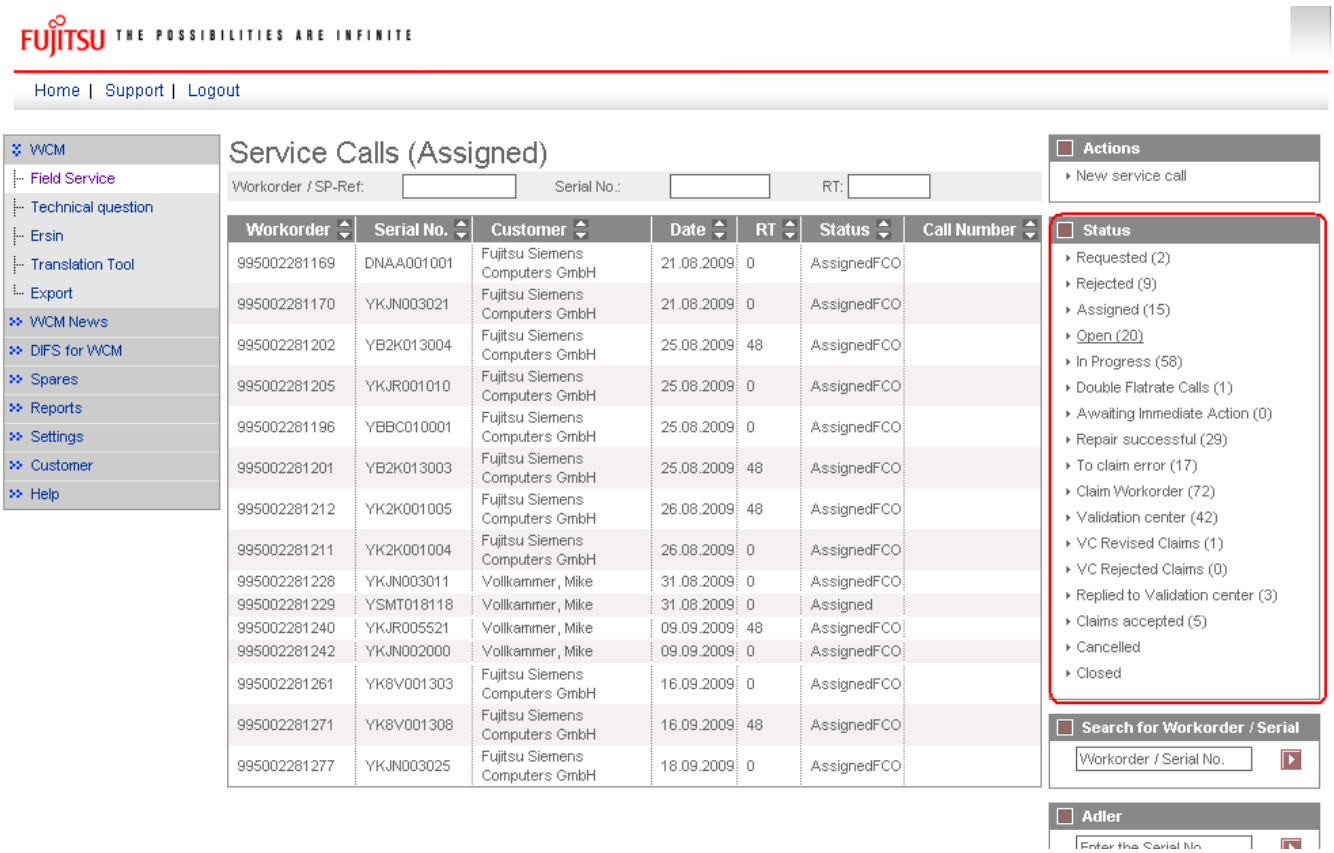
No.	Reject Text in WCM WEB	Explanation
1	90 day rule	Call information forwarded too late (90 day rule)
2	7 days rule	Serial no. was already claimed recently.
3	Double WO	WO for this Serial no. already opened
4	Missing Qualification of SP	
5	FCO not accepted by SP	
6	WO not accepted by SP	
7	OoW, customer refuses repair fee	
8	Out of Warranty (OoW)	
9	Spare part asset mismatch	Spare part does not fit to this asset
10	Spare part error code mismatch	Spare part does not fit to the error code reported
11	Customer cancellation	
12	Wrong ADLER data – no proof provided	
13	No ADLER data – no proof provided	
14	Customer Self Inflicted	
15	Material OoW	Mat. is out of warranty
16	Spare part required	Spare part required according to error code
17	No spare part required	No spare part required according to error code
18	WO was claimed too late	
CN	Correction needed	

7.2 Service Call Status

At three different places in the WCM WEB-Screens status arise, which are explained here in detail to avoid misunderstandings and to ease the distinction when talking about any status.

7.2.1 Service Call Status “1. Level”

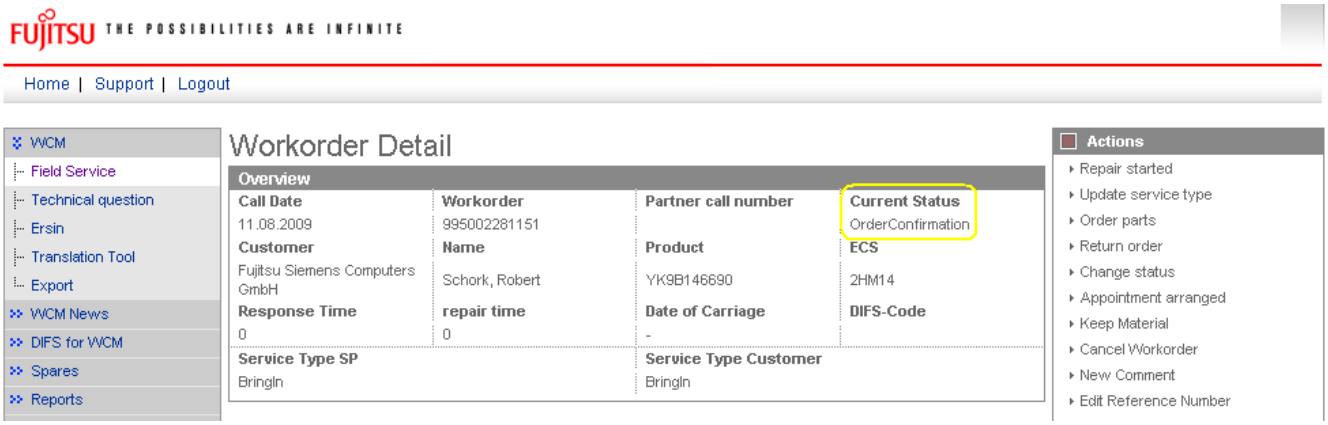
In WCM WEB on Level Field Service, Service Calls are grouped into Status, which are shown there on the right side:


FUJITSU THE POSSIBILITIES ARE INFINITE
Home | Support | Logout
WCM
Field Service
Technical question
Ersin
Translation Tool
Export
WCM News
DIFS for WCM
Spares
Reports
Settings
Customer
Help
Service Calls (Assigned)
Workorder / SP-Ref:
Serial No.:
RT:
Workorder | Serial No. | Customer | Date | RT | Status | Call Number
995002281169 | DNAA001001 | Fujitsu Siemens Computers GmbH | 21.08.2009 | 0 | AssignedFCO
995002281170 | YKJN003021 | Fujitsu Siemens Computers GmbH | 21.08.2009 | 0 | AssignedFCO
995002281202 | YB2K013004 | Fujitsu Siemens Computers GmbH | 25.08.2009 | 48 | AssignedFCO
995002281205 | YKJR001010 | Fujitsu Siemens Computers GmbH | 25.08.2009 | 0 | AssignedFCO
995002281196 | YBBC010001 | Fujitsu Siemens Computers GmbH | 25.08.2009 | 0 | AssignedFCO
995002281201 | YB2K013003 | Fujitsu Siemens Computers GmbH | 25.08.2009 | 48 | AssignedFCO
995002281212 | YK2K001005 | Fujitsu Siemens Computers GmbH | 26.08.2009 | 48 | AssignedFCO
995002281211 | YK2K001004 | Fujitsu Siemens Computers GmbH | 26.08.2009 | 0 | AssignedFCO
995002281228 | YKJN003011 | Vollkammer, Mike | 31.08.2009 | 0 | AssignedFCO
995002281229 | YSMT018118 | Vollkammer, Mike | 31.08.2009 | 0 | Assigned
995002281240 | YKJR005521 | Vollkammer, Mike | 09.09.2009 | 48 | AssignedFCO
995002281242 | YKJN002000 | Vollkammer, Mike | 09.09.2009 | 0 | AssignedFCO
995002281261 | YK8V001303 | Fujitsu Siemens Computers GmbH | 16.09.2009 | 0 | AssignedFCO
995002281271 | YK8V001308 | Fujitsu Siemens Computers GmbH | 16.09.2009 | 48 | AssignedFCO
995002281277 | YKJN003025 | Fujitsu Siemens Computers GmbH | 18.09.2009 | 0 | AssignedFCO
Actions
New service call
Status
Requested (2)
Rejected (9)
Assigned (15)
Open (20)
In Progress (58)
Double Flatrate Calls (1)
Awaiting Immediate Action (0)
Repair successful (29)
To claim error (17)
Claim Workorder (72)
Validation center (42)
VC Revised Claims (1)
VC Rejected Claims (0)
Replied to Validation center (3)
Claims accepted (5)
Cancelled
Closed
Search for Workorder / Serial
Workorder / Serial No.
Adler

This is helpful to get a first overview about all the existing Work Orders.

7.2.2 Status in specific Work Order

Within a Work Order (Work Order detail) the current status of this specific Call is also shown:



Often this “Current Status” does correspond to the Status of the Status-Group the Work Order belongs to at that time (described in 7.2.1).
But in some cases, e.g. Status-Groups “In Progress” and “Validation Centre”, the Work Orders can show different current status, which then gives more detailed information, e.g. the status of the ordered spare part or the exact claiming status.

Current Status in Work Order Details can be:

Status	Description
Approval	Not yet implemented
Assigned	Work Order assigned
AssignedFCO	assigned Field Change Order
AssignedToEmployee	Technician assigned
Cancelled	Work Order cancelled
ClaimAcceptedByVC	Claim accepted by Validation Centre
Claimed	Contains Work Orders where the defective material is posted.
ClaimMovedToVC	Claim moved to Validation Centre
ClaimPaid	Claim paid
ClaimRejectedByVC	Claim rejected by Validation Centre
ClaimRejectionAccepted	Claim rejection accepted
ClaimRejectionRejected	Claim rejection rejected
ClaimRevisedByVC	Claim changed by Validation Centre
Closed	Done
CostEstimationCreated	Cost estimation created
CustomerAgreedDate	Date agreed with customer
CustomerInformedToCollectSystem	Customer informed, that he can collect his system
CustomerKeepsMaterial	Customer keeps material, e.g. police protects sensible data
HD Open	Claim opened by Helpdesk
Open	Work Order opened
OrderConfirmation	Order confirmation
ParcelDelivered	Parcel delivered
ParcelPickedUp	Parcel picked up
Rejected	Work Order is rejected
RepairCentreLeft	System has left Repair Centre
RepairCentreReceipt	System has reached Repair Centre
RepairedSystemDeliveredToCustomer	System is repaired and can be delivered to customer
RepairFailed	Repair failed
RepairFailedAndDoubleFR	Repair failed, SP will get paid double Flatrate (if entitled)
RepairInterrupted	Repair interrupted
RepairStarted	Repair started
RepairSuccessful	Repair successful
Requested	Work Order requested
ResetToClaim	Reset from „To Claim“ to „Repair Successful“
RevisedClaimAccepted	Change of claim accepted
RevisedClaimRejected	Change of claim rejected
SparesInDelivery	Spares are delivered
SparesOrdered	Spares are ordered
SparesProposed	Spares are proposed
SPatCustomerSite	SP has reached customer
SystemReceived	System is delivered to SP
ToClaim	Request payment
UpdateServiceTypes	Service data update
WaitingForSystem	SP is waiting for System
ResumeCancelled	Resumption of cancelled Call
Spare Parts Receive	Spare parts have been received
ToClaimKeepMaterial	To claim, parts won’t be sent back
ToClaimError	Not enough return orders have been created
DoubleFRApproved	Double Flat Rate is approved
VCChangesAccepted	Changes of Validation Center have been accepted

7.2.3 Status of ordered spare parts

If spare parts are ordered via WCM WEB and therefore an order in PEC was created automatically, the status of the part can be seen at the bottom in the Work Order detail.

Following Status can arise:

Proposed:	Parts are proposed, but nothing more.
Confirmed	Parts are selected. Order has been transferred to PEC and order number has been created.
Despatched:	Shipment out of FUJITSU stock has been done
Returned:	Return order is placed in PEC (In case of an ADEX order the Return Order is created automatically; therefore the Returned Status is given immediately. With a Non-ADEX order the Return has to be advised before Returned Status is given.)

Example:

Line Items

Material

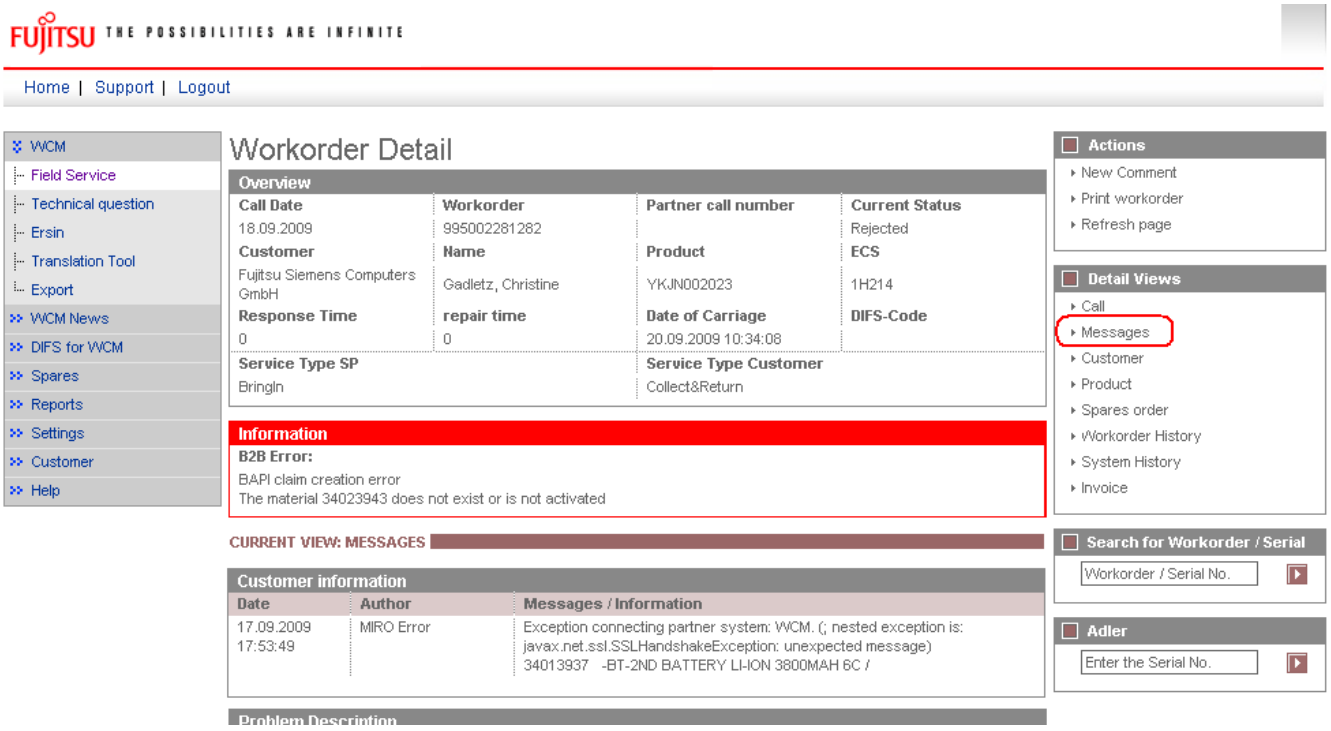
Material number	Total	Status	Order No	RET-No	RET	ReturnCode	KeepMaterial
34001173	1	Proposed	8004919074	-	☑	-	☐
34001173	1	Confirmed	8004919074	-	☐	-	☐
SERV2200	1	Confirmed	8004919074	-	☐	-	☐
34001173	1	Despatched	8004919074	8137467430	☐	-	☐
34001173	1	Returned	8004919074	8137467430	☑	-	☐

Labour

Material number	Status	Total	price
WTY:FLATRATE	OK	1	93.00 EUR

7.3 Detail View Messages

“Messages” is a new button in <Detail Views>
With button Messages you can see all error messages, comments, information, etc. together.



Information:
Helpdesk can send comments to you. But you can’t answer.
Your comments won’t be forwarded to the Helpdesk.

7.4 Abbreviations of spare part data

In the process of ordering spare parts, material numbers are suggested and additional data is given, as there are:

WARRANTY:	Spare part is in warranty For a warranty repair, SP will receive a credit. Also limited warranty parts are marked with this flag.
LSF:	Local spare part Flag Spare part with local sourcing agreement with FUJITSU Service Country Management.
RET	Spare part is returnable E.g. the defective spare part has to be sent to FUJITSU.
ECS	Error Code System (Spare part fits to error code, if it is ticked at ECS field).
FTA	Fit To Asset (Spare part fits to the asset (serial number)).
HDA	Help Desk Approval Process
PEC	Partner Entry Channel